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1950

NEWER GLADS



WINSTON ROBERTS

Gladiolus Specialist

Box 1851

Boise, Idaho

OUR LOCATION

Our gardens are located about 3 miles west of Boise, or approximately 7 miles east of Eagle, just a block off Highway 44 on Collister Drive. Visitors always welcome. During the past two summers glad fans and growers from many states, including California, Oregon, Washington, Utah, Nevada, Idaho, British Columbia, Montana, Arizona, Illinois, Iowa, and Michigan have come to see our glads. While we don't have a big extensive commercial planting, visitors usually seem to find some things of interest in our two acres of newer varieties and seedlings. Most of these are in bloom during the month of August.



Our favorite quartet of Roberts "introductions". Future glad growers perhaps (?) but right now more interested in baseball!

COVER ILLUSTRATION — BOISE BELLE

Rambling Remarks

Greetings to all our many customers everywhere, and to all prospective new ones! We thank you sincerely for making 1949 our biggest and best year, and we hope that 1950 will bring you the best growing conditions and the finest glads you have ever had.

Writing a new catalog is a lot of work, but it is a job we really enjoy. We start from "scratch" with each issue, never repeating old material unless it be something basic such as ordering instructions or cultural notes. We could save a lot of headaches and labor by handing the printer an old catalog, with a few minor changes and a new set of prices (some catalogers seem to do that), but we feel that our customers are entitled to more consideration. Gladiolus varieties never perform just the same during any two consecutive summers, and we think it the duty of the up-to-date cataloger to inform his customers of faults or good points brought to light as each blooming season passes. And of course they want to know as much as possible about newer varieties which may supercede some of the older glads.

We think that flower growers, whether amateur or commercial, are a pretty grand group of people. And being more interested in the Gladiolus than any other flower, we believe there are none finer than the folks who grow this favorite flower of ours. If you are inclined to take this statement with a grain of salt, we suggest that you try to meet as many of them as possible, either at some of the summer shows held thruout the country or at the winter conferences held by some of the glad societies. One of the biggest and best of these conventions will be the North American Gladiolus Council meeting to be held at Atlantic City, N. J., from January 19th to 22nd, inclusive, 1950. The first day of this conference will be devoted to the problems of the commercial grower members, but succeeding days will feature a program of special interest to amateurs and show growers.

The 1949 blooming season gave our glads a real "heat test." Day after day in late July and early August the thermometer passed the 100 degree mark, culminating in a reading of 105 degrees on the day that Dr. Corliss arrived to photograph our new varieties and seedlings. However, thanks to a cool basement, we were able to hold many of them in good condition and he got some nice color shots which you will be able to see in some of the Kodachrome sets he has for rent. Back to the subject of the weather—those hot days last summer really made it easy for us to rate the newer varieties as to relative heat resistance. While some were found wanting, we were more than pleased to note how many were able to take the heat without excessive burning, fading, or even wilting. In most cases these traits are noted in the descriptions of these varieties in our general list. Of course it should be remembered that heat resistance and drought resistance are not necessarily the same thing. We irrigate our glads as needed during the growing season; usually once a week as we get little or no rain during the summer.

No "Second Team" this year. We thought last year it was a good idea to list separately a group of varieties which, while not quite our first choice, were still good glads. From a practical standpoint it didn't work out, however. People evidently thought the second group were no good, anyway they didn't buy them. So this year we decided to cut the number down somewhat and offer them in one general alphabetical list. We feel that our listings this year are really the "cream of the crop", and that the new glads listed will for the most part stand the test of time. Of course there are many older varieties that are still good which we can't list for lack of space. But most of our customers are advanced amateurs, show growers, or commercial men who are looking for the newer and better in glads. And to those who are beginners just starting their glad growing, may we say that it really pays to get started with good newer varieties whether you grow them just for your own pleasure, for the shows, or for

a full time or part time flower business. Last summer many of the large flower markets were glutted with gladiolus, but usually the good spikes of the better new varieties were sold, while the old-timers with their poorer colors and other faults were often dumped.

There is a very definite and growing demand for the smaller flowered varieties, including the 300 (medium) class and the 100 and 200 groups commonly known as miniatures. These are much more useful for table arrangements and bouquets for the modern small home or apartment than most of the large and giant varieties. Until the last year or two we ourselves had never seen much that interested us in the little fellows, but with the introduction of several new ones with clearer color, better spacing and facing, and lovely ruffling, we can't help but like them. We are speaking here especially of the 100 and 200 sizes, for the medium sized (300) glads have been among our favorites for years, being large enough for all floral use.

Quite a lot is being said and written nowadays about prices on new varieties. Some are defending the \$5, \$10, and \$15 introductory prices often asked by hybridizers or introducers, while others feel that \$1 or \$2 is enough for even the finest new glad. Personally, we feel that a lot depends on circumstances. As long as the price of a new variety is in fair relation to the amount of stock in existence, no one should get seriously hurt, whether he buys the first season or waits a year or two. Only a few will buy a \$10.00 bulb the year of introduction—these people can afford to gamble a little, and if it is a real good one they will come out ahead. Provided, of course, that the \$10 price reflects a limited amount of stock propagated, not tens or hundreds of thousands of bulbs as occasionally has happened. Most hybridists, if they put out their own seedlings, have a limited growing space, and with hundreds or thousands of separate lots of seedlings on test, simply don't have the time or space to propagate a large stock before introduction. A \$5.00 or \$10.00 price tag on a new variety does not mean that the introducer is going to get rich on sales. He would probably be better off if he could propagate his seedling for a couple more years and sell it for a dollar or two, but if he is doing large scale crossing this may not be possible. Most of our own named seedlings have been introduced in the \$2-\$4 range, usually with a comparatively small stock on hand, altho with four or five years of testing behind them.

Most commercial growers find it necessary to spend several hundred to several thousand dollars each year for advertising. We do too, but we have found that the most effective advertising of all doesn't cost us a cent. We refer of course to the "word of mouth" advertising spread by a host of satisfied customers. Most of our buyers send us repeat orders, year after year. A great many write us enthusiastic letters about the high quality of our bulbs and the fine flowers they were able to grow from them. We appreciate this confidence, and realize that only a continuing careful attention to all phases of the bulb business can merit such confidence. For this reason too, we try to be perfectly frank and as accurate as possible with variety descriptions. If we have found that a certain variety makes a large percentage of crooked stems, or has some other serious fault, we would rather tell our customers than to have them find it out later. Of course glads vary a great deal with differing soils and climates—some that are fine here are not so good elsewhere, and vice versa.

We are often asked for a list of the best ten or best dozen glads. This is hard for us to do—we like them all. But we finally were able to put together a list of 25 favorites, in alphabetical order—not in order of preference. Nearly all color classes are included:

Aureole	Folklore	Pactolus	Silver Wings
Blue Boy	Hearts Desire	Red Cherry	Skylark
Boise Belle	La Valle	Redowa	Spic & Span
Burma	Mighty Monarch	Red Wing	Stormy Weather
Connie G.	October Sunshine	Seashell	Sun Spot
Dieppe	Orchid Marvel	Sherwood	White Goddess
Evangeline			

1950 Introductions

PERSIAN RUG (Roberts)

Formerly seedling 500-4. Parentage: Wings of Song x Beacon. Midseason, class 486. A very unusual and pleasing blend of oriental colors, plum and rose predominating, with a large, very prominent creamy yellow throat. The 5-inch flowers are nicely frilled, 6 or more open at once on plants that reach 50-52 inches, an occasional shorter one. Flowerheads have 18-19 buds, about 24 inches in length. A very bright and attractive smoky; we have yet to show it to anyone who didn't like it. A little hard to describe but definitely not hard to look at! Should be a fine novelty and a good cut flower wherever the unusual is appreciated. Roadside stands and many other local cutflower outlets should find a good demand for this variety. Altho a good propagator and germinator stock is not too plentiful, so we are holding all small bulbs for propagation. Bulbs, Large or Medium, \$4.00 each. One bulb and 10 selected bulblets for \$7.50. Bulblets not sold separately this year.

CAPTAIN KIDD (Roberts)

Formerly seedling 1100-2. Parentage: Leschi x Eric the Red. Early-midseason, class 452. A glowing deep blood red without markings. A shade or two darker color would put it in the 54 (black red) class, but we think the present classification is correct. Just a little darker than Birch Red, with much of the same richness and sparkle. The florets run from 4½ to 5 inches, with 6 or 7 open at a time on 54-inch spikes. Flowerheads average 24 inches with 18-19 buds. Captain Kidd was one of the very few dark glads that withstood our 100 degree plus temperatures last summer without burning, fading, or wilting. A very good propagator and germinator, bulblets making good growth. This rich dark red glad should be popular for all purposes. Bulbs, L, M, or S, \$3.50 each. One bulb and 10 selected bulblets for \$6.00. No bulblets sold separately this year.

1950 Co-Introductions

The following three varieties, Majorette from Dirk Kroon, and Dulcie and Okinawa from A. M. Loar, have been tested as seedlings by us, and we are glad to recommend them as superior varieties in their respective color classes. Descriptions are from personal observation in our test garden.

MAJORETTE (Kroon)

A giant among the early varieties, this new light pink glad also has fine color and excellent growing habits. The very first glad to bloom in our entire trial planting of some 500 newer varieties and seedlings. We didn't have any June Day planted at the same time, but it would appear that Majorette is fully as early. The plant is strong and tall, up to 5 feet, with a long flowerhead of 22-24 buds. It will open 5 six-inch ruffled florets at once; they are leathery in texture and a beautiful clear shade of light pure pink, a slight deeper blush in the throat. Placement is not always perfect, but usually quite good. Parentage is Marguerite x Rosa van Lima. A good propagator. 60 days to bloom; size and color class probably 540. Bulbs, M \$3.00 each, Bulblets .30, 10—\$2.50.

DULCIE (Loar)

An unusual new color in glads that is probably nearest to lavender; tentatively classified 466. Rather hard to describe, blue-mauve or violet-lavender is about as close as we can come to putting it into words. There is more blue in its makeup than is the case with most lavenders. Its parentage is Blue Admiral x King Lear. In our garden it produced 54-56 inch plants, 22 inch flowerheads with six 5-inch florets open, several in color. Nice double row placement with florets holding size well to the tip. Quite a good propagator, germination only fair. This is a nice new variety with an attractive and different color; we believe you will like it. There is a slight darker stippling in the throat. 85 days to bloom. Bulbs, L \$2.00, M \$1.50, S \$1.25, Bulblets .20, 10—\$1.50.

OKINAWA (Loar)

A very interesting chocolate smoky with rosy-orange tints, a reddish brown throat marking. Grows about 4 feet tall, with a 23-inch flowerhead. It will hold at least 7 or 8 medium large florets open in very regular double row formation. Stem is stiff and always straight. Does not burn, altho in hot weather it often flecks bluish-slate, which only seems to make the color more interesting. One of the most regular performers we have seen, and a dark smoky that nearly everyone likes who has seen it. A good propagator and germinator. Originator says that for him the florets run only 4¼ inches in diameter; however it was large enough here to be classified 481. Midseason. Bulbs L \$1.50, M \$1.25, S \$1.00, Bulblets 2—.25, 10—\$1.00.

(From Leonard Butt)

This year for the first time we are departing from our usual custom of offering only such varieties as we have ourselves grown. We do this because Butt seedlings and introductions have for years been among the finest and most dependable of all the gladiolus we grow. His previous introductions, including the Palmer varieties, Dieppe (Hassal), and his own varieties Firebrand, Mighty Monarch, Twinkles, Carnival, Blue Boy, and others, have all been fine additions to the list of best glads. We have every confidence in Mr. Butt's judgment in selecting his own and the best seedlings from other Canadian hybridizers. In addition, most of these new ones we are offering have received the approval of the Canadian Glad Growers' Council. This is an organization of leading growers who impartially test and rate a very large number of promising seedlings each year, giving a Silver Medal award to the best ones (a Gold Medal award for second year approval). Descriptions are condensed from those of the introducer, and stock furnished this year will be of his growing.

PETER PAN (Butt)

Miniature dark orange pink with a deeper throat; a nice blending of autumn colors. The 3-3¼ inch florets are heavily ruffled, with 6 or 7 open on 42-45 inch plants. 18-20 inch flowerheads. An early bloomer. G.G.C. Silver Medal award 1948, Gold Medal award 1949. Bulbs, any size, \$5.00 each, or 12 for \$50.00. No bulblets.

STATUETTE (Butt)

This second miniature offering is a medium yellow with diffused purplish red throat marking. Not as heavily ruffled as most other Butt miniatures, but florets are probably the smallest of any, being not over 2½ inches in diameter. 6-7 open on 18 or 19 inch flowerheads, total height 40-42 inches. Award of Merit at London, England, National Garden Show; Silver Medal award G.G.C. Trial Garden, 1949. Prices same as for Peter Pan.

ORCHID LADY (Butt)

Orchid pink with a creamy yellow throat. 6 or 7 florets of 4½-inch size are open on tall, willowy spikes, 24 inch flowerheads. Florets usually but not always well placed, and an occasional spike may crook mildly. This seedling has proven a fine commercial on the highly competitive Toronto flower market. Early midseason. Bulbs, any size, \$1.00 each, 3 for \$2.75, or 12 for \$10.00. No bulblets, altho wholesale units of bulbs and bulblets are available; prices on request.

ZEPHYR (Butt)

Deep flesh pink with red throat. Has been called a bigger and better Lipstick, altho some consider the color not as good. Its florescence is remarkable; one spike makes a bouquet. Good formal exhibition type spike, 8 or 9 five-inch or larger well placed and firmly attached florets open on 46-48 inch plants, 24 inch flowerheads. Prices same as for Orchid Lady. Wholesale units also available.

ANDRENA (Armstrong-Butt)

Pale phlox pink with a large pale yellow throat. A beautiful blend of pastel tones, something different in color that is a florist's dream. Making tall, regular spikes, it opens 6 or 7 well placed blooms of 4½-5 inch size on 20-22 inch flowerheads. Opens well in water, holding size and color very nicely. This won the Silver Medal Award of the G.G.C. in 1949 with the second highest average score of over 100 seedlings tested. This should be a must on your list. Bulbs, any size, \$3.00 each. No bulblets except in wholesale units, prices of which will be given to growers on request.

MACUSHLA (Paul-Butt)

One of the finest colored glads offered in many years; just what the florists are looking for. Bengal rose with light cream throat, diffused deeper lines adding to its attractiveness. Makes healthy, tall, straight spikes with six or seven 4½ to 5 inch florets open at once. Attachment firm, placement usually good. An excellent shipping variety, opening well in water. Bulbs, any size, \$3.00 each. Wholesale units of bulbs and bulblets available.

LAVENDER BEAUTY (Kolb-Butt)

Clear soft lavender pink; a real orchid tone. Plant height about 50 inches, with six 5-inch ruffled florets open on 23-25 inch flowerheads of 18-20 buds. Good placement and attachment. Good propagator and germinator. Lavender Beauty is all that its name implies, and even more. It looks like the lavender we have been waiting for. A bright new glad in a much wanted color; healthy and vigorous. This variety made the highest average score in the 1949 G.G.C. Trial Garden in winning the Silver Medal award, thus making it undoubtedly one of the outstanding novelties of the year. Be sure to get in on this one. Bulbs, any size, \$3.00 each. Wholesale units of bulbs and bulblets available to growers; write for prices.

ESQUIRE (Ficht-Butt)

A very strong growing scarlet that looks like a coming commercial red. Spikes are always straight and florets well placed. Usually 8 or more 5-inch florets are open on 20-22 bud flowerheads. A splendid bulb maker, and grows well from all sizes including bulblets. A good stock enables this to be offered at a low price. Approval award G.G.C. trial grounds, 1948. Midseason. Bulbs, any size, \$1.00 each, or 12 for \$10.00. Bulblets available only with wholesale unit offers; prices on request.

(From Gladland Acres)

We have not grown the following new variety, but it comes with fine recommendations, and has such a good trial garden record that we are certain it is worthy of your consideration.

PHARAOH (Higgins-Gladland)

A glowing pink salmon with cream yellow throat and yellow midribs. It has straight stems, stretchy spike, perfection of placement, and fine attachment. Has won many awards as a seedling, scoring from 81.1 to 87 (any variety with a rating of 80 or better is considered outstandingly good). Average performance from established trial gardens is as follows: Field height, 63 inches; floret size 5¾ inches; number of buds 19; number open 7. Late midseason. A very good propagator, and a variety that would seem to have every good point in its favor. A good stock permits a low introductory price, which for 1950 will be \$1.00 each for bulbs of any size, bulblets 10 cents each. **HOWEVER WE CANNOT ACCEPT AN ORDER FOR LESS THAN \$3.00 FOR BULBS OR BULBLETS OR PHARAOH.** You may order 3 bulbs for \$3.00; large, medium, small, or assorted, or double the quantity—6 for only \$5.00. Bulblets if you prefer them, but only in lots of 30 or more at 10c each.

1950 Premium Seedlings

The two new seedlings we are offering free with orders this year are perhaps our best to date, we believe. They seem superior to a majority of similar named varieties on the market, altho both are quite unique in their color classes.

Seedling 171-6. Parentage (Picardy x Puritan) x Myrna. A beautiful light cream of medium size that has perhaps the heaviest ruffling combined with extra heavy substance of any glad we have seen. There are usually few glads entered at the shows in the medium sized cream (306) class; we may name this one later to help pep up this class. An early bloomer, very vigorous and prolific. Five or six of these lovely ruffled florets of 3½ to 4 inch size are open on 4 foot or taller plants, 22 inch flowerheads. Extremely beautiful enmasse in basket or vase; Dr. Corliss has a fine slide of several spikes of this seedling. Florists like it too—wonderful for corsages.

Not for sale this year, but one bulb of this new seedling given gratis with each order from this list amounting to \$7.50 or more. Only one bulb to a customer.

Seedling 1120-3. Parentage, Wings of Song x Heritage. A lovely glowing deep salmon pink of unusual carrying power. A prominent creamy throat adds to its beauty. Opens a lot at once (9 to 11), so that one or two spikes make a bouquet. We would certainly name and introduce this seedling this year at not less than \$3.00 per bulb except that bulblets are often hard to germinate. They usually sprout quickly however if cracked or peeled, and if held over a year they come nearly 100%. This seedling was rated among the best at the large Rhode Island trial grounds last summer. In spite of their extremely dry season (64 days without rain and no irrigation) it scored 83 points.

Not for sale this year, but one bulb given with each order from this list amounting to \$15.00 or more. Only one bulb to a customer, but a \$15.00 or larger order will receive a bulb of both 171-6 and 1120-3.

Glad Growing Hints

As soon as your bulbs are received, open the bags to admit air, and keep them in a cool dry place until planting time. They may be planted from about April 1 to June 15 in most localities, except of course in the South, California, etc., where the season is earlier. Any good garden soil will raise good glads if located away from buildings, trees and large shrubs. Go easy on fertilizers; too much may cause bulb disease, altho a moderate application of a balanced fertilizer may be needed on poor soil or land that has been used several years. Change the location of your planting as often as possible; best results are had with at least a four-year rotation if you have the ground.

After preparing the soil well, plant the bulbs about 4 or 5 inches deep, shallower for the smaller sizes, and from 4 to 6 inches apart, depending on bulb size. Bulblets may be planted quite thickly, and about 2 inches deep. Plenty of moisture is important to sprout the bulblets quickly, but bulbs do not require much water at first unless ground is unusually dry. But from the time the spike begins to thicken in the stem until blooming time, plenty of moisture should be supplied if nature falls down on the job.

About six weeks after blooming (or less if planted late) the bulbs should be ready to dig. It is not necessary or desirable to wait until the foliage freezes or turns brown. Loosen the soil under and around the plant and it will pull up easily with the bulb attached; the stem should immediately

be cut off close to the bulb. Keep bulbs in a warm dry place for 2 or 3 weeks, after which the old withered bulb and roots can be easily pulled off, and the new bulb will be ready for winter storage. A cool dry place with a temperature of 40-50 degrees and moderate humidity is ideal. Small lots may be stored in paper bags or boxes, but screen-bottom trays are best for large lots, with bulbs piled not more than 3 or 4 inches deep.

Thrips: This is a small insect which can cause great damage to gladiolus flowers if not held in check. If you have any reason to suspect that thrips may be present on your bulbs (they are very small and hard to detect under the husks), give them a thorough dusting with 5% DDT during storage. Since thrips can fly some or may be carried to your patch by the wind, a preventive spraying or dusting program is advisable. We have had almost 100% freedom from thrips by dusting with 5% DDT once every two weeks from the time plants are a few inches high until they bloom. Where summer rains are common, spraying may be more effective than dusting, as the rain will wash off the dust and it will have to be done over again. Thrips are not hard to control, thanks to DDT, but better be safe than sorry!

General List

ABU HASSAN (K & M '47) 378 (EM). A very rich velvety deep blue violet that is probably the best of its color. Has a richer sheen than Pelegrina and better plant habits except bulblets are hard to germinate. Florets not large, about 6-7 open.

L .20, M 2—.25, Bulblets 20—.25.

ADORATION (Klein '48) 466-440 (VE). An early bloomer that probably should be planted early, as first blooms always seem better than later ones. A rather soft but quite attractive shade of blush pink with light rose shadings, it opens up to 8 good sized florets at a time. Seems somewhat variable in height. We find it very useful as an early cut flower glad.

M .50, S .25, Bulblets 5—.25, 10—.40, 100—\$3.00.

A. L. STEPHEN (Winsor '42) 433 (EM). Withheld for propagation.

ANDRENA (Armstrong-Butt '50) 440 (M). See 1950 Co-Introductions.

ANIMATION (Butt '47) 552-536 (EM). A tall light red with midrib lines of creamy white. A bright attractive variety that is not too well known but has always been a good doer here. Tall, large, reliable, 6-7 open. A very good propagator and germinator, and a fine grower from bulblets.

M .30, S .20, Bulblets 6—.25, 10—.35, 100—\$2.50.

ANTIETAM (E. B. Snyder '48) 454 (M). Dark red, flecked nearly black; quite a rich color. About 6 florets of good size open on a tall willowy spike. Growing this only from small bulbs we don't feel we have seen enough to pass judgment on it as yet, altho it looked promising.

L \$2.00, M \$1.50, S \$1.00, Bulblets .20, 10—\$1.60, 100—\$12.00.

ANNETTE (Dowling '48) 500 (EM). A good exhibition white which has won over most of the other leading giant white varieties in Northwest show competition. Tall and very large, with up to 7 or 8 open at once. In our climate it will show a slight pink tinge at times. Propagation and germination fair. Worth a trial at this year's reduced prices.

M .35, S .25, Bulblets 4—.25, 10—.50, 100—\$4.00.

ASTRID (Jack '46) 560 (EM). Tall growing rose pink with deeper feather. Possibly not quite as clear a color as Rosy Light by the same originator, but a taller grower. Comes on medium early, and should be a good commercial. About 7 open on good flowerheads. Very fast propagator.

M .25, S 2—.25, Bulblets 10—.25, 100—\$2.00.

ATHLONE (B. Palmer '43) 416 (EM). One of our favorite buff varieties, altho it may be too pale to suit some fanciers. Not as much life to its color as in Sunlight, Sun Spot and some others. A blend of soft shades of cream, apricot, and buff. An easy rugged grower that will easily open 8-10 large flowers at once. A heavy winner at Canadian shows.

M 2—.20, S 4—.20, Bulblets 20—.25, 100—\$1.00.

ATOM (Hedgecock '46) 236 (EM). Perhaps the most popular small flowered glad ever originated; a bright scarlet with a well defined silver edge around all petals. Wonderful for table centerpieces and home bouquets.

M .35, S .25, Bulblets 4—.25, 10—.50.

AUREOLE (Pruitt '48) 410-412 (M). Our favorite yellow and one of the most heavily ruffled varieties in existence. It usually opens about 6 or 7 lovely round, wide open florets on a spike of medium height. Probably not tall enough to become a big time commercial, altho it can be cut with quite a good handle. Grows as tall as Crinkle Cream for us. An occasional floret may have slightly weak attachment but most are quite well tied to the stem. Should be classed deep yellow as it grows here; the color is very clear and bright. Makes a goodly supply of large bulblets which germinate fairly well.

L .25, M 2—.25, S 4—.25, Bulblets 25—.25, 100—.75.

BETTY'S CHOICE (Harris '45) 360-362 (M). One of the loveliest glads we know; a light to medium shade of clear rose pink with creamy white throat. Not large and not too tall, but a very choice variety with real color appeal.

L .20, M .15, S 2—.20, Bulblets 25—.25, 100—.75.

BENJAMIN BRITTEN (K & M '48) 470 (M). A very interesting new deep lavender or light purple from Holland that is one of the best we have tried from that source. Florets are large, well opened, and nicely ruffled. The color is quite clear, much more appealing than that of most of the new Dutch glads we have seen. A good propagator and makes nice bulbs. We look for this to become a very popular variety.

M \$2.50, Bulblets .40, 10—\$3.00.

BIRCH RED (Rich '45) 552 (M). One of the best of the dark (not black) reds, and just about tops for color. An extremely smooth rich deep red, but not too deep for florist use—they love it! Opens 6-8 at once on tall plants; flowerheads not very long. A fine variety.

L \$1.00, M .75, S .50, Bulblets 3—.25, 10—.70, 100—\$5.00.

BLACK CHERRY (Rich '48) 554 (M). Another Marion Rich variety that is close to the top in its class. This is a clear deep maroon with an undertone of deep rosy purple, a very beautiful color. Plants are of medium height, stems always straight. Stood our extremely hot weather last summer better than most of the other black reds. It also is a good propagator, a trait that is lacking in many of this color. Bulblets germinate quite well and grow into good sized healthy bulbs.

L \$3.00, M \$2.00, S \$1.00, Bulblets .25, 10—\$2.00, 100—\$16.00.

BLUE BOY (Butt '48) 476 (EM). The best blue we have grown to date, and one that should have commercial possibilities. A clear medium light blue with deeper throat, holding open 6 or more good sized florets. Stem has been reported short in some localities; plenty tall here for cutting—42 to 46 inches. Bulblets seem hard to germinate unless cracked or peeled or held over a year. Florets are well placed and attached to stiff straight spikes.

L \$1.00, M .60, Bulblets 2—.25, 10—\$1.00.

BLUE LAGOON (G. Snyder '46) 478 (EM). Not the perfect dark blue that all hybridizers are seeking, but one that will be useful for years to come. A fairly clear shade of medium to dark violet blue. Larger than Abu Hassan, not velvety in texture nor as deep in color as that variety. Opens 5 or 6 informally placed florets on tall straight spikes. An average propagator, but bulblets germinate quite well. A good blue.

L .75, M .50, S .35, Bulblets 4—.25, 10—.50, 100—\$4.00.

BOISE BELLE (Roberts '48) 343 (ML). A streamlined version of the old favorite Betty Nuthall, with added frills and more brilliant coloring. It is a fairly late bloomer, altho about a week earlier than its famous grandparent. Should be planted in April, or not later than May 1st to hit the August shows. The entire center of the flower is a clear light yellow, shading to a wide margin of pink at the edges. The deeper yellow $\frac{1}{2}$ petals are edged with a dainty picotee border of scarlet-pink. Florets are beautifully and heavily ruffled, with very heavy petal substance. 9 to 12 flowers are open at once on tall plants, long stretchy flowerheads of 22-25 buds. With ordinary field culture florets measure 4-4 $\frac{1}{4}$ inches for us, altho we have seen some larger, and have had many reports of 4 $\frac{1}{2}$ -inch flowers. However, we think it belongs in the 343 group, as presently classified. Introduced with only a small stock, heavy demand has kept our supply at a low level, altho it is quite a good propagator. Bulblets run medium to small in size, but germinate and grow well. Should be a heavy winner at future shows. Was Division Champion at the 1949 Southern Wisconsin-Northern Illinois show.

L \$2.00, M \$1.50, S \$1.00, Bulblets .25, 2—.45, 10—\$1.75, 100—\$14.00.

BOLDFACE (H. O. Evans '47) 533 (EM). A strikingly blotched variety of deep salmon scarlet, the large central spot of dark red surrounded by a border of pure white. A most interesting glad that commands instant attention in the garden. The large, broad-petaled flowers are nicely frilled. about 6-7 open at a time. Stems are medium-tall, flowerheads of good length. A robust grower, good propagator, and a fine all around variety for novelty and show purposes. Should be a good seller at roadside stands or wherever people are looking for the unusual in cut flowers.

L \$1.25, M .75, S .50, Bulblets 2—.25, 10—\$1.00, 100—\$8.00.

BURLINGTON (Hatch '47) 437 (M). We are very fond of this bright rosy scarlet with clear white center. Its one fault may be a rather short flowerhead. but the color is so different and attractive that we think it very much worthwhile. Plenty of height below first flower. About 6 nicely frilled large florets open at once. A good grower and propagator.

L .35, M .25, S 2—.25, Bulblets 15—.25, 100—\$1.25.

BURMA (Palmer '43) 562 (EM).....The rich ruffled deep rosy red that is so widely grown and universally admired. Stands unique in its class, certainly one of the all-time greats of the gladiolus world. The heavily ruffled florets stand up in hot weather better than most of the dark varieties; very little burning on the hottest days. Altho it may not hold up quite as well after cutting as some, it is used by florists in large quantities. Especially pretty when combined with whites and creams, particularly the ruffled ones. A spray made of Burma and our ruffled cream seedling (171-6) was one of the loveliest floral pieces we have ever seen. A fine propagator, and now down in price so everyone can plant lots of it.

L 2—.25, M 4—.25, S 6—.25, Bulblets 50—.20, 100—.35.

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“Your descriptions mean more to me than those of any other cataloguer. I have used your catalog as a source book of information in deciding what varieties to stock for next year.”

(From a prominent Minnesota glad grower and cataloguer).

**BUTTERSCOTCH (Langworthy '48) 517-531 (M).** A lovely color but probably misclassified as light salmon. We call it buff with peach and apricot shadings, a spot of burnt orange in the throat. Or better still, just the color of butterscotch—it is certainly very appropriately named. The florets are nicely frilled and are usually fairly well placed in informal style on tall straight plants, up to 8 open at once. The top petal is long and often somewhat hooded, but attractively so, giving a winged effect to the floret. A lovely glad with a fine rich color. Good increase.

**L .75, M .50, S .25, Bulblets 4—.25, 10—.50, 100—\$4.00.**

**CAPTAIN KIDD (Roberts '50) 452 (EM).** See 1950 Introductions.

**CARNIVAL (Butt '47) 437-451 (EM).** Another distinctive color in glads, this is a brilliant scarlet red with large snow white center. The florets are heavily ruffled and fluted at the edges, giving a needlepoint effect. 6 or 7 open on spikes of good height. Flowerheads are rather compact, appearing a little crowded. The tip buds are not well differentiated, altho several buds show color above the open florets, and total bud count is 18 or more. A fine increaser, with bulblets making strong germination and growth. We like it.

**L .40, M .25, S .15, Bulblets 10—.25, 100—\$2.00.**

**CHARMOLUCK (Wilson '46) 416-482 (M).** Altho usually classed as a buff, this has a definite smoky tinge as it grows here. Soft pastel orange with light smoke shadings and a distinct darker picotee edging around the petals. Soft creamy throat. Good flowerheads, stem a little short below first floret, 6-7 open. One of our favorite smokies.

**L .75, M .50, S .25, Bulblets 6—.25, 10—.35, 100—\$2.50.**

**CHIEF PONTIAC (G. Snyder '48) 524 (M).** Along with Daisy Mae the giant of the orange glads. An extremely tall husky grower with long stretchy flowerheads. The color is fairly good for such a large one—orange on the red salmon side, slightly darker throat. Fades some in hot sun as do most orange varieties, and perhaps hardly enough florets open at a time to balance its cornstalk-like spikes, 4-5 being the best it would do for us. However others reports up to 7 open. It bloomed in the midst of our 100-105 degree weather when no variety was able to show its best. Apparently a very fine new variety with good show possibilities. Best Recent Introduction and Reserve Champion spike at the S. E. Michigan show last summer.

**L \$2.00, M \$1.50, S \$1.00, Bulblets .20, 10—\$1.60, 100—\$12.00.**

**CHINOOK (N. H. Lines '49) 532 (M).** Another tall husky variety, this new glad boasts a very lovely and appealing color in addition to its other good qualities. Probably the adjective "salmon" has been overworked in describing many varieties of this general color, but in this case it fits. Just the color of the Chinook salmon which you may have seen along the West coast (or eaten from cans!). Others might call it an orange-pink; in any case it is a beautiful color and a mighty fine glad. Opens at least 7 very large lightly frilled florets on tall rangy spikes, long stretchy heads. Should be able to win for longest flowerhead in the show, and did at LeRoy, Illinois last summer. A good propagator. This variety and La Valle are undoubtedly Rev. Lines' best originations to date.

**Bulbs, any size, \$3.00 each. Bulblets .25, 10—\$2.00.**

**CLEO (Youmans '48) 431-441 (M).** A nicely ruffled light creamy pink with a very prominent orange-vermillion spot in the throat. This color combination is different and we think quite attractive; we noticed that a majority of garden visitors liked it also. Opens at least 8 five-inch florets, nicely placed and attached on fairly tall spikes. Occasionally comes short, but makes many perfect exhibition type spikes. A good propagator and germinator, altho bulblets do not make large size the first year. For something different you should try Cleo.

**L \$1.50, M \$1.00, S .75, Bulblets .20, 10—\$1.50, 100—\$12.00.**

**CLOTH OF GOLD (Briggs '49) 420 (EM).** A beautiful color that is even more eye-catching than Orange Gold; shines like a new penny! No hint of red in this one, it is a real yellow-orange with great depth and brilliance of color. It probably has the same fault as some others in this class in that flowerheads are not as long as might be desired. Florets are medium-large, around 4½ inches, nicely rounded and very graceful in appearance.

**L .50, M .35, S .25, Bulblets 4—.25, 10—.50, 100—\$4.00.**

**COLOGNE (Roberts '48) 342 (EM).** Probably the most fragrant glad in commerce today with the exception of Dr. McLean's new hybrids which he developed from some of the fragrant species. Cologne is a very easy grower, having been developed from the regular garden glads rather than thru the spring-blooming species approach of McLean. In addition to its definite tea-rose fragrance, Cologne is a nice decorative type—very useful and pretty for vases and home decoration. Deep pink or light scarlet with creamy throat, 6 or more 4-inch florets open on tall willowy spikes. Fragrance is strongest in the morning on newly opened florets.

**L \$1.00, M .75, S .50, Bulblets 2—.20, 10—.75, 100—\$6.00.**

**COLOR MARVEL (Krueger '46) 316 (E).** A nice early blooming bronzy yellow or buff yellow. No other variety with just this color in the earlies except the older variety Bernece, and this is a better taller grower. We like this to add variety to the usual pinks, lavenders, whites and clear yellows we grow for early cut flowers. Good increase.

**M 2—.20, S 4—.20, Bulblets 20—.25, 100—\$1.00.**

**COMPLEXION (Bastian '49) 440 (M).** This new light pink pleased us very much last summer as grown from several medium and large bulbs in our trial planting. Some visitors remarked that it seemed to be a lighter pink Spic & Span, as it has the same general floret form, ruffling, and size. Altho it apparently opens about 6 or 7 as compared to 8 or more with Spic & Span. Nice tall spikes, well arranged. A light shade of pink, but several shades deeper than the same originator's Phantom Beauty. Florets are also more ruffled, and while placement is quite formal there is no crowding of flowers on the spike. Looks like another fine pink. Good propagator, and makes nice bulbs.

**M \$3.00, S \$1.50, Bulblets .25, 10—\$2.00.**

**CONNECTICUT YANKEE (Schenetsky '44) 441 (M).** The well known light pink with scarlet throat that has been seen on the Court of Honor at leading glad shows for many years. Added to its already fine show record were many 1949 winnings, including Grand Champion at both Pennsylvania (early and late) shows, and Midland, Mich., 2nd Day Champ at the New Jersey show and Chagrin Falls, Ohio, etc. Only a fair propagator, and makes some short spikes, but a real good one is an almost sure winner.

**L .50, M .35, S .25, Bulblets 6—.25, 10—.35, 100—\$2.50.**

**CONNIE G. (Woods '48) 506 (EM).** This variety has perhaps the most beautiful florets of all; exquisitely ruffled and of leathery texture. Color a clear light cream with much yellow in the throat. The chaste purity of the flower is enhanced by its cream colored stamens, which, by the way, produce no pollen—much to the disappointment of hybridists. We haven't been able to get much seed from it either. About 7 of these lovely, butterfly-like flowers are open on spikes that average pretty good length, altho somewhat variable. Not a good bulblet producer, and stock is still comparatively scarce. Among its 1949 wins, Connie G was declared color champion at the Ohio R. I. & Seedling Show, and best recent introduction, Victoria, B. C.

**L \$4.00, M \$3.00, S \$2.00, Bulblets .50, 10—\$4.00.**

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"There are some of the cleanest bulbs I have ever received. I will plug for your bulbs up here, and wouldn't be surprised if you shouldn't get from 15 to 25 orders next spring from this town."

H.G.R., Colville, Wash.

CORDOVA (Palmer '49) 432 (E). Looks like a good early blooming pink from the dean of Canadian hybridizers. We were much impressed with the blooms we had from only a couple of blooming size bulbs last season. A clear medium light pink shading to a creamy throat. Florets large, lightly frilled, and a beautiful shade of pink, with at least 7 or 8 open on good spikes. Fine propagator. Probably not quite as early as June Day or Skyway.

Bulbs, any size, \$1.50 each. Bulblets 2—.30, 12—\$1.50, sold only with bulbs.

COTILLION (Butt '48) 542 (EM). A huge tall deep pink with large cream center. Florets often play "ring around the rosy" on the stem, and the latter sometimes crooks, but a good spike can really be a winner. Opens up to 12 at a time. Was Grand Champion at the 1949 Michigan show, 2nd Day Champ at Vancouver.

L \$1.00, M .60, S .40, Bulblets 5—.25, 10—.40, 100—\$3.00.

CRIMSON TIDE (Roberts '45) 452 (M). One of our first introductions that is still well liked by most fanciers, altho slow bulblet germination precludes wide commercial use. Unique in color and texture, the large heavily ruffled florets appear to be formed of rich red velvet. Not over 5 or 6 open at once on fairly tall spikes. Dr. Cason, Tennessee glad authority, has rated Crimson Tide at the very top of the 52 class since its introduction. We sold out of this variety entirely except bulblets last year, so have only medium and small this season. However it is a fine bloomer from all sizes.

M .40, S .25, Bulblets 6—.25, 10—.35, 100—\$2.80.

DAISY MAE (Lins '45) 521 (M). A tall husky orange-salmon with reddish throat spot. No raving beauty, but a good reliable variety for the shows and for commercial cutting. Fine habits of growth, propagation, and flower production make it important commercially, and florists don't seem to mind its slightly harsh combination of colors. Makes exhibition spikes from medium bulbs.

M 2—.20, S 4—.20, Bulblets 20—.25, 100—\$1.00.

DEBORAH SAMPSON (Scheer '47) 440 (EM). A good light pink, altho we think a little lacking in character as compared to such varieties in similar shades as Seashell, Hearts Desire, and Complexion. Florets are medium large, not always well expanded, about 7-8 open at a time on good spikes. Probably appreciates a little extra feeding and watering while spikes are developing. A spike of this variety was Grand Champion at the big Pacific Northwest show, 1949. Makes lots of small bulblets.

L .60, M .45, S .30, Bulblets 5—.25, 10—.40, 100—\$3.00.

DIADEM (N. H. Lines '46) 460-462 (E). Another variety that is somewhat temperamental, but which can produce very fine spikes. Medium light rose pink with small spot of cream in the throat. 6 large flowers open on spikes of medium height. Quite a good propagator. Sometimes slightly fragrant.

L \$2.00, M \$1.50, S \$1.00, Bulblets 12—\$1.00, 100—\$7.00.

DIEPPE (Hassel '45) 432 (EM). A beautiful deep salmon or light scarlet, really a flame color. A fine variety that has made the grade, ranking among the best newer commercials. Fine for shows too. Makes good spikes from medium bulbs, but for the best huge exhibition spikes large bulbs are needed. Up to 8 of these beautiful lightly frilled flowers open at once on tall graceful spikes. A dazzling color and a grand all around glad. Fine propagator. Won for largest floret at Beloit, Wis., Best R. I., LeRoy, Ill., 1949.

L 2—.20, M 4—.25, S 6—.25, Bulblets 40—.25, 100—.50.

DULCIE (Loar '50) 466 (EM). See 1950 Co-Introductions.

DUSTY MILLER (Elliott '45) 486 (M). Not everyone's favorite for color, but a smoky that has rapidly come to the front as a show glad, and one of the best for performance. Plants very tall and husky, an easy grower with long stretchy flowerheads. The color is sort of a grayish-bronze overlaid dusty rose with cream and red center, not too smooth but interesting. The 7-8 open florets are round, very tightly attached to the stem. Has been in great demand, but price is down a little this year due to fast propagation. Not many large bulbs.

L .20, M 2—.20, S 4—.20, Bulblets 20—.25, 100—\$1.00.

ELIZABETH THE QUEEN (D. W. White '41) 566 (M). The beautiful ruffled lavender glad that has replaced old Minuet in most of the flower markets of the country. It likes plenty of moisture while growing, and even then some spikes may come short. Averages good here, about 42-46 inches in height. Up to 9 large nicely ruffled flowers open. A fancy show winner as well as a fine commercial. Grand Champion at Wisconsin, Vancouver, and So. N. J. Shows, 1949.

M 4—.20, S 6—.20, Bulblets 100—.25.

ESQUIRE (Ficht-Butt '50) 436 (M). See 1950 Co-Introductions.

EUNICE EWING (Kaylor '45) 370-470 (EM). An unusual shade of light purple with pure white center. A combination that is quite rare in glads—only the old varieties Gloaming and Stapleford being similar as far as we know, and this is a better grower than either. Makes very tall rangy spikes that sometimes crook. Florets not over 4 inches in our garden usually. Wonderful for baskets and arrangements, in which the occasional bent or crooked stems are often useful. Most people love this glad; about the only ones who dislike it are those who can't see any but the giant varieties. Good propagator and bulb maker.

L .20, M .15, S 2—.20, Bulblets 10—.20, 100—\$1.50.

EUREKA (Fairweather '48) 500 (M). A cream-white sport of Picardy that may be an improvement on Leading Lady, altho quite similar. Like all of these white sports it sometimes reverts in part or in whole to the original color. Picardy habits of growth and propagation.

L .50, M .35, S .25, Bulblets 4—.25, 10—.50, 100—\$4.00.

EVANGELINE (Palmer '48) 540-560 (M). One of the giants of the glad world, yet a lovely variety that is bound to become one of the most popular of all. With color something like that of Greta Garbo, a little deeper, it is a much taller stronger grower with larger floret size, and nicely ruffled. A beautiful light pink, the 560 (rose) classification is erroneous, we think. A rugged, healthy grower. We had bulbs split into 3 spikes, none of which grew under 5½ feet tall. Fast increaser. Evangeline was Grand Champion at the New Jersey and Ohio Seedling and R. I. shows, Reserve Champ at Vancouver, all 1949. Also Color Champion, N. J.

L \$2.50, M \$1.50, S \$1.00, Bulblets .20, 10—\$1.50, 100—\$12.00.

FABULOUS (La Salle '46) 443 (M). An interesting blotched variety and a strong easy grower. Deep pink with darker throat. The color may streak or flake some in wet weather. Good propagator.

L .50, M .35, S .25, Bulblets 6—.25, 10—.35, 100—\$2.50.

FIREBRAND (Butt '44) 452 (ML). Long one of our favorite reds, Firebrand is making a good record as a commercial and show glad in many places. Its 8 or more open florets are not particularly large, but are always well and compactly placed, and tightly attached to the stem. An ideal cut flower that is easy to handle and a pleasure to grow. Color is a beautiful and brilliant medium red of even self color. An extremely fast propagator, near 100% germinator, making nice bulbs. It crashed the charmed circle of champions again in 1949 with G. C. at the Nebraska show.

L 2—.20, M 4—.20, S 6—.20, Bulblets 40—.25, 100—.50.

FLORENCE NIGHTINGALE (Harris '47) 500 (EM). A very fine white slightly on the creamy side. Throat shades to deep cream or light yellow. Florets are lightly frilled, about 7 open at once on tall spikes. An especially fine commercial white that also can win at the shows. Habits of flower production, growth, and increase are all that could be desired.

L .75, M .50, S .30, Bulblets 3—.20, 10—.60, 100—\$4.50.

FLYING FORTRESS (Wilson '43) 586 (M). Huge lavender gray with a small but distinct scarlet feather. Not always consistent in floret placement and facing or length of stem, but capable of making marvelous formal spikes with up to twelve 7-inch florets open at a time. One of the best sellers in our list among the lower priced varieties. A perfect spike of Flying Fortress is something you will long remember, altho you may have to grow several bulbs to get one good one.

L .20, M .15, S 2—.20, Bulblets 20—.25, 100—\$1.00.

FOLKLORE (Butt '49) 463-467 (EM). One of the most beautiful new varieties and probably one of the top 1949 introductions. A color that has been long needed in glads—a pure clear medium to deep orchid-rose with the large center a very light cream, nearly white. Form of spike and flower something like Betty's Choice but a deeper, more vibrant color. It also opens more flowers at once—at least 7 or 8. Not a real tall grower, but fairly good height. Florets are lightly frilled and are about 4½ inches in diameter. Apparently a good propagator. We predict a fine future for this beautiful new glad. A florist's delight. Won silver medal award 1948 and gold medal award 1949 at C.G.C. test gardens.

L \$1.50, Bulblets 2—.30, 12—\$1.50 (sold only with bulb purchase).

FRIENDSHIP (C. Fischer '49) 442 (E). An exquisite early pink, nicely ruffled. About 6 well placed altho sometimes slightly upward facing florets open on fairly tall spikes, around 42-44 inches. Florets not large but big enough for any commercial use, and the fine color and early blooming season make Friendship an important variety. Very pretty. Makes plenty of easy germinating bulblets.

L \$1.00, M .75, S .50, Bulblets 4—.25, 10—.50, 100—\$4.00.

FUCHSIA BELLE (Almey '45) 462 (M). Clear deep cerise-rose without markings. A beautiful color, with 6 or more nicely rounded florets open on tall stems that sometimes tend to bend or fall over, occasionally crook slightly. We feel that its fine color fully offsets its admitted faults. Fair propagator, germination a little slow.

L .40, M .25, S .15, Bulblets 10—.25, 100—\$2.00.

GARDEN GOLD (Rich '48) 512 (M). While we haven't seen all of the highly touted new yellows, we think a lot of this one which we have grown for two years. Not a deep golden yellow as the name might indicate, but a very pure medium shade that is very beautiful. A little deeper than August Moon by the same originator. The 5½ inch flowers are large for a yellow, and are of attractive form with slight frilling. 6 or more open on good spikes. A fair propagator.

L \$4.00, M \$3.00, S \$2.00, Bulblets .40, 10—\$3.00.

GLORIOUS (Wilson '49) 332 (M). We list this for those who may be interested in "number open", either for the shows or for breeding. It does open quite a lot at once, 10 or more. Not an attractive color, however—a lack-lustre deep salmon with mixed up throat.

M \$2.50, S \$1.00, Bulblets .20, 10—\$1.50.

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"From the 'thirty' bulblets I ordered I raised 41 bulbs, thanks to your generosity. All are blooming size, some made number 1's."

Mrs. M. T., Robinson, Kansas.

**GLOW (Howell '46) 420 (E).** A good early cut flower orange. Slightly deeper in color than October Sunshine, and comes on earlier. The first orange or salmon colored glad to bloom for us, and a good one to go with other earlies such as June Day, Tralee, Texas, Wedgwood, Red Cherry, etc. Fine propagator.

**L .50, M .30, S .20, Bulblets 4—.25, 10—.50, 100—\$4.00.**

**GOLDEN ARROW (Pruitt '47) 410-510 (M).** A good clear yellow that we have used extensively for cutting. Along with Golden State about as useful a florists' yellow as we have found, altho this is not a very tall grower. Old bulbs split quite badly, making shorter spikes. Fine color—a yellow that is really yellow. Fast increaser.

**L .25, M .15, S 3—.20, Bulblets 10—.20, 100—\$1.50.**

**GOLDEN BEAUTY (Coates '47) 512 (EM).** Another variety that has good color, but in hot weather the substance seems light and the florets get rather floppy. It also crooks quite badly at times. We have seen some beautiful spikes of this one, but it doesn't seem reliable enough to rank with the best of the newer yellows.

**L .50, M .35, S .25, Bulblets 10—.25, 100—\$2.00.**

**GOLDEN STATE (Wheeler '42) 512 (ML).** Still one of the best yellows as it grows here. Large florets, tall stems and flowerheads, and good growing habits make it a reliable cut flower variety. Plenty of increase, altho bulblets germinate only fair. A good yellow that is still the leading prize winner in its class at the shows.

**L .20, M .15, S 2—.20, Bulblets 15—.25, 100—\$1.25.**

**GOLD MEDAL (Beardmore '48) 516 (M).** A slightly subdued shade of yellow, fairly deep but with buff and apricot shadings—very attractive. 6 or 7 very large prettily ruffled florets open on tall stems, medium flowerheads. This really stands out in the garden; is usually immediately spotted and greatly admired by visitors to our plantings. A fine flower for the fancier and exhibitor. Occasional off facing or slightly loose attachment will limit its commercial use, altho we have found it a good variety for local cut flower sales.

**L \$1.00, M .75, S .50, Bulblets 2—.25, 10—\$1.00, 100—\$8.00.**

**GORGEOUS DEB (Wilson '49) 530 (M).** Exceedingly well named, this is truly a gorgeous flower. For heavily ruffled florets it outdoes anything we have ever seen in this color, except for a seedling of ours that is still on test. The petals of Gorgeous Deb actually seem to be pleated or corrugated, producing a stunning effect when its 8 or more flowers are fully open. Apparently a good grower and propagator. A very much improved Victory Queen.

**M \$2.50, S \$1.50, Bulblets .20, 2—.35.**

**GRENADE (Palmer '44) 416 (M).** One of Palmer's varieties that has never been as popular as some, but we think it is a good one. A nice shade of light orange buff, quite a clear color. Florets are large, nicely rounded, with 7 or more open at once on good spikes. Flowerheads could perhaps stretch a little more.

**M 4—.25, S 6—.25, Bulblets 25—.25.**

**HARMONY (Australia) 460 (E).** A nice early blooming rosy pink with white throat. Seems to be practically unknown in this country; we received it in a trial shipment of "down under" varieties, mostly newer ones. With us this older variety seemed better than a good many of the highly publicized recent Australians and New Zealanders. Worth a trial. Stock limited.

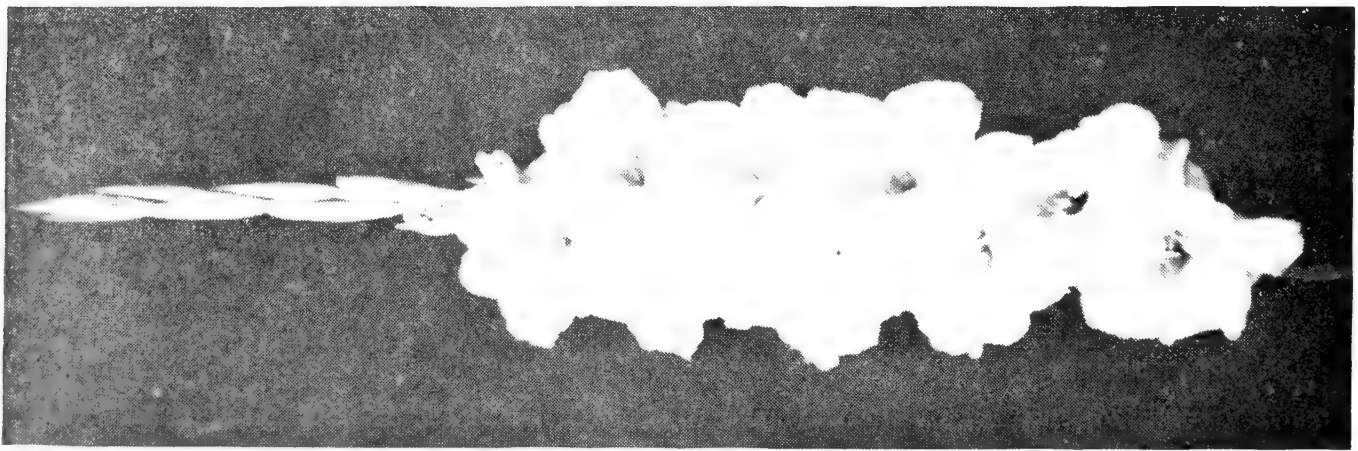
**M .25, S .15, Bulblets 10—.25.**



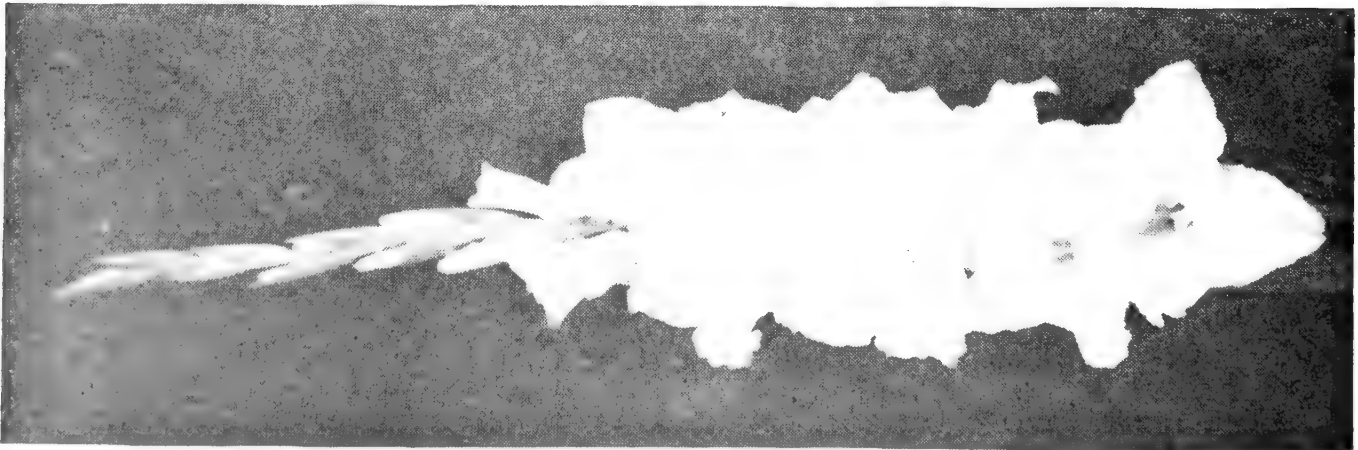
Boise Belle



Red Cherry



Sun Spot



White Goddess

**HAVANA (Roberts '46) 391 (E).** A unique little glad that should be well liked by those who favor the smaller flowered varieties. Doesn't open as many florets at once as Vagabond Prince, one of its parents, but the color is brighter. A real bronze shade with a brilliant red-orange throat. 5 or 6 four-inch florets open on spikes of medium height. Good propagator, germination slow.

**L .50, M .30, S .20, Bulblets 10—.30, 100—\$2.40.**

**HEARTS DESIRE (Fiedler '48) 540 (EM).** A very beautiful ruffled light pink that should be in every garden. Easy for us to enthuse about this one—we are really in love with it. Just the shade of pink that everyone falls for, and its lovely ruffling makes it doubly attractive. We are dropping several older varieties, some not so old, in favor of Hearts Desire. We still like Greta Garbo, Gavotte, High Command, etc., but out they go! Hearts Desire is a fine tall grower, making grand large spikes with up to 8 open at once. The florets are lacy and delicate appearing, but actually are of fine substance with good keeping qualities. A heavy propagator, good germinator, making nice bulbs.

**L \$1.25, M \$1.00, S .75, Bulblets 2—.30, 10—\$1.20, 100—\$9.50.**

**HIGH LIFE (K & M '46) 376 (EM).** Not a large blue but one with better color than some. Not as good a grower a Blue Boy, however, for us. About 6 open on quite tall limber spikes. Good increase.

**L .15, M 2—.20, S 4—.20, Bulblets 20—.25, 100—\$1.00.**

**HI HO (Knight '48) 432-442 (E).** A very nice deep pink with white throat that seems to be quite an early bloomer. In fact it was one of the first to bloom in our planting of newer introductions. Opens up to 7 or 8 large (5-inch) flowers on fairly tall spikes. A very promising new glad for any purpose. Good propagator.

**L \$1.50, M \$1.00, S .50, Bulblets 2—.30, 10—\$1.20, 100—\$9.50.**

**HILLCREST (Brown, N. Z., '48) 563 (M).** A unique novelty, rosy pink to deep rose at edges with slate flaking over the whole flower. Very unusual, and attracts much attention. Fair propagator, bulblets sprout slowly and unevenly here.

**M .25, S .15.**

**JUNE DAY (Roberts '46) 441 (VE).** The earliest good pink glad, and always among the first of any color to bloom. A lovely shade of clear pure pink, small cherry red throat markings. Opens 6 or 7 florets of 4½ inch size on tall, willowy, 20-bud spikes that are always straight. Old bulbs often split, best spikes come from young bulbs. But no trouble to get plenty of No. 1 and jumbo young bulbs from the extremely large bulblets of this variety which are produced in large quantities. June Day is an essential for the grower who wants to hit the earliest market while cut flower prices are still high.

**L .75, M .50, S .30, Bulblets 4—.25, 10—.50, 100—\$4.00.**

**KATHY LEE (Fairchild '47) 410 (EM).** Light lemon yellow with beautifully ruffled florets. A good grower with tall stems, altho flowerheads are sometimes short. Florists like this one, as in many bouquets and floral pieces long flowerheads are of no advantage. The florets are among the prettiest of all the yellows.

**L \$1.50, M \$1.00, Bulblets 2—.30, 10—\$1.25, 100—\$10.00.**

**KAWATIRI (Pupich, N.Z. '47) 516 (EM).** A very tall large ruffled apricot, shading to light yellow in the throat. A wonderfully fine variety in every respect except that it often crooks in very hot weather. Ordinarily ours have been straight, but last summer's extreme heat produced practically nothing but crooks. When right it is capable of beating almost anything in its class. Opens 9-10.

**L .80, M .60, S .40, Bulblets 3—.25, 10—.65, 100—\$5.00.**

**KEEFER (Lines '49) 478-578 (E).** Perhaps the largest blue, with 5½-inch florets on several spikes for us last summer. Buds are a rich blue-black, lightening some as they fully open, but still a dark shade of blue violet. There is usually some marbling of darker color, more of an overlay than flecking. Not a clear color but quite attractive we think. Quite a good propagator; bulblets slow to sprout without special treatment.

**L \$2.00, M \$1.50, Bulblets 2—.25, 10—\$1.00.**

**KEITH (Pratt '49) 582 (EM).** One of the best novelties from "down under", this is an interesting smoky bronze with a plum colored throat. Somewhat reminiscent of that once popular variety Zuni but much more colorful. Early orders from those who saw it last summer have depleted our stock. Some loose attachment of the huge round florets is the only fault we have observed.

**S .25, Bulblets 3—.20, 10—.60.**

**LADRONE (Palmer '47) 433 (M).** A very brilliant deep orange salmon with bright yellow throat. Color pattern rather like Beacon but with less red and more orange in its makeup. Also the yellow throat area is smaller, altho still very prominent. For all its brilliance the color is refined—bright but not gaudy. Its closest competitor seems to be King Alfred, but as the two grow here Ladrone gets our vote, tho the florets are not as large. Opens 7-8 on long stretchy spikes. A very fast propagator of small bulblets.

**L .30, M .25, S 2—.25, Bulblets 20—.25, 100—\$1.00.**

**LADY EVE (Grout '46) 301 (EM).** Another attention getter is this boldly blotched blush white. This is one variety that really has a blotch—not a feather or a spot—our apologies to those who object to the use of the term "blotch" in gladiolus description! Not exactly a refined variety, but certainly an eye-catcher; you can't miss it whether you like it or not. Seems to us an improvement on older varieties such as Ariadne.

**L .75, M .50, S .25, Bulblets 6—.25, 10—.35, 100—\$2.50.**

**LANCELOT (G. Snyder '49) 410 (EM).** One of the better new yellows in our trial patch last summer, and one that has made its mark in official trial gardens over the country, with a high score of 86.2 and an average of 82.4 in four different localities. Lancelot opens 6 or 7 medium large clear yellow florets on good spikes. A good propagator, with strong bulblet germination and growth. A promising new variety in a color class that still needs strengthening.

**M \$1.50, S \$1.00, Bulblets .20, 10—\$1.60, 100—\$12.00.**

**LA VALLE (Lines '49) 507 (M).** A beautiful light cream or ivory white with throat brushed a brilliant orange scarlet. The very large (6 inch) flowers are beautifully ruffled and fluted, triangular in shape with single lip petal. While not seen much as yet on the show bench, we are willing to go on record with the prediction that La Valle is a potential heavy prize winner—will be a strong contender for grand championship honors at future shows (check its record 2 or 3 years from now!). Stems are very tall, not heavy but almost always straight, the long flowerheads carrying up to 10 or 11 of these huge lovely florets open at a time. A grand improvement on such varieties as Coventry, Sir Galahad, and Salman's Glory.

**L, M, or S, \$3.00 each, Bulblets .25, 10—\$2.00.**

**LAVENDER BEAUTY (Kolb-Butt '50) 466 (M).** See 1950 Co-Introductions.

"The bulblets were mostly so nice and large and you were so generous with them. Imagine our surprise to find a bulb in with the bulblets in many of the bags."

Mrs. R. B. R., South Euclid, Ohio.

**LIPSTICK (Balentine '41) 441 (M).** One of the oldest varieties in our list but easily one of the most popular. As with the variety A. L. Stephen, most growers just woke up a year or two ago to the fact that here was a beautiful and very worthwhile but little known glad. Stock has been in great demand, altho more plentiful this year. Clear light to medium pink with a very intense red blotch. Stems are tall, flowerheads of fair length, all fine plant habits except that an occasional spike will crook in intense heat. A runaway propagator, bulblets sprouting quickly and growing like weeds. A most showy variety with contrasting colors that are yet pleasing to the most critical eye.

**L .15, M 2—.20, S 4—.20, Bulblets 35—.25, 100—.60.**

**LITTLE SWEETHEART (Fischer '48) 240 (EM).** We don't catalog many small flowering varieties, altho if all miniatures had the fine color and delicate charm of Little Sweetheart we would certainly list more of them. The beautifully ruffled pink and white flowers face toward the viewer, not upward, and are more closely spaced and evenly placed than most of the other pink miniatures we have grown. In other words it has all of the good points of the best larger varieties in a smaller package. Such grand little glads as this one, Atom, Twinkles, Wedgwood, and a few others are causing a tremendous increase in popularity of the miniatures. People are learning how useful the smaller ones can be in table centerpieces, small room bouquets, corsages, and wherever the large glads would seem out of place.

**M .25, S .15, Bulblets 10—.25, 100—\$2.00.**

**MACUSHLA (Paul-Butt '50).** See 1950 Co-Introductions.

**MAJORETTE (Kroon '50).** See 1950 Introductions.

**MANCHU (B. Palmer '45) 513 (M).** Bronzy yellow and red; an unusual and striking variety that is quite attractive. Very tall and straight spikes with 7 medium to large blooms often irregularly placed on the extra long stretchy flowerheads. Good propagator and a fine grower. Should be able to win the "longest flowerhead" award at the shows, as it did at the 1949 Victoria, B.C. show. Fine from medium bulbs.

**L .15, M 2—.20, S 4—.20, Bulblets 20—.20, 100—.75.**

**MARION PEARL (Benedict '42) 532 (M).** An older pink glad of fine color, never in large supply. A fair propagator but germination and growth of bulblets on the weak side. Pure pink tending slightly toward salmon, with small cream white throat. Opens at least 8 or 9 at once on spikes of fair height. A lovely color, still a good one.

**L .25, M .15, S 2—.20, Bulblets 10—.20, 100—\$1.50.**

**MARY ODELL (Cave '48) 400 (E).** An early snow white with heavy substance that enables it to stand hot weather without wilting. Tall stem, 8 to 10 medium sized flowers open on fair heads. We like this for early cutting. There were some Picardy rogues in our stock of this variety bought in a couple of years ago; think we have them all out now but will give extra count on small and bulblets.

**L .75, M .50, S .35, Bulblets 3—.20, 10—.60, 100—\$4.50.**

**MAUVIE ROSE (Wesselman '48) 462 (VE).** A fairly dark rather subdued shade of rose shading to mauve, slightly lighter in center. We were rather disappointed in this variety, altho it is supposed to be a good cut flower in some sections of the north central states and Canada. Wouldn't hold more than 4 open and burned and faded badly in the heat here. In ordinary weather, particularly if planted early, it might be much better than we grew it. A fine propagator.

**L \$1.00, M .75, S .50, Bulblets 2—.25, 10—\$1.00, 100—\$8.00.**

**MEMOIR (Palmer '45) 441 (M).** A striking and attractive garden glad, but not tall enough for a good commercial. The very large florets are blush white or creamy pink with a vivid red center. A fine color.

**L .25, M .20, S 2—.25, Bulblets 15—.25, 100—\$1.50.**

**MERRY MAID (Roberts '49) 440 (E).** Ruffled pink with white throat. Can be good, altho disappointing last summer. Probably a variable grower; it couldn't take the heat and grew shorter than usual. A good propagator.

**L \$1.50, M \$1.25, S \$1.00, Bulblets 2—.30, 10—\$1.25, 100—\$10.00.**

**MID-AMERICA (Knieram '47) 550 (EM).** A huge red that can be and is often fine, altho a little floppy appearing in warm weather. One of the largest and tallest of all glads, it is almost too big for commercial use. A great prize winner at the shows, winning Grand Champion at Ohio state, Reserve Champ at Chagrin Falls, and 2nd Day Champ Indiana, all 1949. A very popular red variety.

**M .15, S 2—.20, Bulblets 10—.20, 100—\$1.50.**

**MIGHTY MONARCH (Butt '46) 552 (ML).** Huge towering spikes of medium dark red characterize this fine variety. Fine smooth color, quite deep but rich and glowing. Heavy rangy spikes that usually stand erect if planted deep or hilled up around the plants, otherwise may fall over. Opens 7-9 large beautiful florets on long flowerheads. If you like a lot of red, Mighty Monarch will give you a thrill. Bulblet production good, germination fair. Voted most beautiful glad in show, Nebraska 1949.

**L .35, M .25, S .15, Bulblets 10—.25, 100—\$2.00.**

**MINSTREL (Palmer '44) 566 (M).** A very large lavender, florets probably averaging larger than Siboney, altho not as tall in plant growth. Usually a good long flowerhead, but stem is rather short below first floret. Good color, about the shade of Elizabeth the Queen but often with some shading or streaking, depending on the weather. Nicely ruffled. Propagation fair only.

**L .30, M .20, S 2—.20, Bulblets 10—.25, 100—\$2.00.**

**MISS CHICAGO (Buckheit '49) 560 (M).** A different and quite attractive color combination, light rose-lavender with yellow center. 6-7 large, very round, somewhat ruffled florets fairly well attached to the 20-inch flowerheads, medium tall stems. A promising new glad that we hope to see in larger quantity next summer. Has many show winnings to its credit as a seedling.

**M \$3.00, S \$2.00, Bulblets .50, 10—\$4.00.**

**MISS WISCONSIN (Krueger '43) 460 (M).** A gorgeous color unmatched by others in this class. So well known by this time that it hardly needs further description. Florists use every spike they can get of this, altho it is not always a consistent cutter, some coming short. Seems to keep on winning most of the prizes in its class at the shows. A fine rose pink. Fair propagator, making bulblets late in the season. A healthy grower with us.

**L .20, M .15, S 2—.20, Bulblets 10—.20, 100—\$1.50.**

**MISTAYA (Ketcheson '47) 586 (M).** A huge tall smoky lavender gray. Quite unusual and exotic in appearance, altho not a flashy variety. We note that visitors divide about equally in their preference for Mistaya and Persian Beauty—both sports of the older variety R.B. The extremely large flowers are a little floppy appearing in hot weather, but the giant spikes are real attention-getters.

**L .40, M .25, S 2—.25, Bulblets 10—.25, 100—\$1.50.**

**MOUNTAIN GEM (Requa '46) 436 (M).** A nice scarlet red that is especially good from medium and small bulbs; larger ones often split causing shorter spikes. A faint picotee edge of lighter color is noticeable around the petal edges. 5-6 or more large round plain petaled florets open at once. Good propagator.

**M .65, S .45, Bulblets 3—.20, 10—.60, 100—\$4.50.**



**MRS. R. G. ERREY (Errey '48) 554 (EM).** One of the best black reds; we would be inclined to say the best except for its apparent tendency to crook if it happens to bloom in real hot weather. Two years ago all of our spikes were straight—last summer about half came crooked. The color is very nice, a smooth dark maroon. About 7 open an tall spikes. Probably does best from medium bulbs.

**M .75, S .50, Bulblets 3—.25, 10—.70.**

**MY DEAR (Sisson '48) 440 (E-EM).** Quite a nice early pink, very pretty. Florets perhaps don't have quite as much character or distinction as some, but blooms much earlier than most other ruffled light pinks. 5-7 open at a time on quite good spikes. Fast propagator.

**L \$2.50, M \$2.00, S \$1.50, Bulblets 2—.30, 10—\$1.20, 100—\$9.00.**

**NANCY (Arnett '49) 452 (EM).** A very fine new commercial red that lived up to all advance claims in our plantings. Grown in good quantity it proved a most reliable cutter, opening 6 or 7 good sized well-attached plain florets on tall plants. Rather closely set compact flowerheads, bud count and stretch satisfactory. Florets have fine substance and seem to hold up unusually well after being cut. Stands heat well. Growing and propagating habits all that could be desired. Will be grown by the acre for cut flowers. Won a Grand Championship at one of the Michigan shows last summer.

**L. 50, M .35, S .25, Bulblets 10—.50, 100—\$4.00.**

**NELLIE LOU (Lines '49) 440-540 (M).** Rev. Lines seems to have the knack of getting tall strong growing habits into his seedlings, and this is another good one of that type, often reaching 6 feet in height. A much admired rosy pink with a striking throat marking of deeper pink. Florets are nicely ruffled, mostly single lip type, triangular shape. 7 to 9 open at once, fairly well attached to the tall graceful spikes.

**Bulbs, any size, \$3.00 each, Bulblets .25, 10—\$2.00.**

**NILA (Pruitt '47) 454 (M).** A dark purplish maroon that has been in good demand and seems to be one of the best of the dark ones. Not quite as tall as Mrs. Errey, but this one is always straight. We like it.

**S 2—.25, Bulblets 10—.25, 100—\$2.00.**

**OCTOBER SUNSHINE (Quackenbush '47) 420 (EM).** A topnotch new commercial prospect. We were most enthusiastic about the way this took the heat with no wilting, burning, or fading in 105° temperatures. A fine color—soft yet quite brilliant yellowish orange. A little brighter and yellower than Patrol. 7-8 medium sized lightly frilled and recurved florets are well attached to good spikes. Facing and placement not always perfect. Our field records show that we gave October Sunshine an A-1 rating for heat resistance in a season that really gave our glads the acid test. A good propagator of large bulblets that germinate well here.

**L .75, M .50, S .25, Bulblets 5—.25, 10—.40, 100—\$3.00.**

**OKINAWA (Loar '50) 381 (M).** See 1950 Co-Introductions.

**ORANGE GOLD (Marshall '45) 422 (EM).** Brilliant golden orange, still hard to beat for color value. 5-6 round florets open on tall plants, flowerheads on the short side usually. A grand color, especially useful for floral work. For an exquisite vase or basket, try combining Sun Spot and Orange Gold.

**M 4—.25, S 6—.25, Bulblets 40—.25, 100—.50.**

**ORCHID LADY (Butt '50).** See 1950 Co-Introductions.

**ORCHID MARVEL (Jack '47) 566 (EM).** A fine show glad with an exceptionally attractive color; also a grand cutflower. Medium lavender rose, practically a self color. A medium tall grower, about 7 large round florets open at a time. Resembles Astrid in some ways, altho more of a lavender, and we like it better. A fine propagator.

**L \$1.20, M .80, S .40, Bulblets 2—.25, 10—\$1.00, 100—\$6.00.**

**ORIENTAL PEARL (Carlson '46) 506 (M).** Immense tall ivory white. We have always liked this variety, and it is a favorite with visitors. Stands heat better than most of the giants; fine for large baskets and massive effects.

**L .20, M .15, S 2—.20, Bulblets 10—.20, 100—\$1.50.**

**ORPHEUS (Roberts '48) 423 (EM).** One of the most striking blotched varieties in existence. If you like the unusual in glads, Orpheus is one you should try. The nicely frilled large round florets are salmon-orange with orange red in the throat, surrounded by a clear yellow area. Good placement, fair attachment, 6-7 open. Variable in height, averages about 42 inches. Good propagator.

**L .75, M .50, S .30, Bulblets 4—.25, 10—.50, 100—\$4.00.**

**PACTOLUS (K & M '47) 417 (EM).** A very spectacular new variety; one of the best from Holland. A medium yellowish apricot or buff with a very prominent throat splash of deep orange red. A little deeper color than Sparks, both in throat and ground color. Not as tall as that variety, but the florets are more formally arranged on the spike. Nicely ruffled, about 8 open at a time. A grand novelty.

**L \$1.75, M \$1.25, Bulblets .25, 2—.45, 10—\$1.75, 100—\$14.00.**

**PARTHIENA (Hitchcock '49) 566 (EM).** A dark mauve lavender that seems to be an outstanding new exhibition variety. The color is quite clear, altho the darker feather detracts a little. It opens many large florets, usually well placed with fair attachment on good spikes. Was a great prize winner at the 1947 and 1948 shows as a seedling, and made its debut last summer as a named variety by capturing the Grand Championship of the Boston N.E.G.S. show, among other high awards. In spite of the drought (two months with no rain or irrigation) it made an outstanding record at the R.I. trial garden, scoring 83 points.

**M \$1.25, S \$1.00, Bulblets .20, 10—\$1.50, 100—\$12.00.**

**PASTEL (Both '42) 486 (EM).** This smoky is different and attractive, being a sort of light gunmetal shade with an undertone of pale salmon, shading to dusty rose toward the center. Not a brilliant or showy glad, but a most unusual and refined smoky in soft tones. Good increaser.

**L .20, M 2—.20, S 4—.20, Bulblets 20—.25, 100—\$1.00.**

**PASTELINE (Kolb '49) 540 (ML-L).** Growing this from extremely small (No. 7) bulbs we did not see it in bloom. Buds showing color just before frost gave promise of being an attractive shade of light pink. Said to be a fine variety from Canada.

**M or S, \$1.50 each, Bulblets 2—.30, 12—\$1.50, sold only with bulb purchase.**

**PATRICIAN (Scheer '47) 566 (M).** This lavender glad last summer gave us the best spikes we have yet seen of it. In spite of the hot weather the color was quite smooth, altho it still didn't stretch in flowerhead as much as we would like. Our stock seems very healthy. Nice medium lavender sometimes flecked deeper, 6 good sized plain petaled flowers open at once. A fast propagator of small bulblets which sprout easily and make strong growth.

**M \$2.00, S \$1.00, Bulblets .25, 10—\$2.00, 100—\$16.00.**

**PATROL (Palmer '46) 416 (EM).** A rival of October Sunshine for color, this fine orange buff may be better for exhibition. Its 9 or 10 open florets of 4½-inch size are perfectly placed in a double row on very good spikes. A tall strong grower. A great prize winner, Patrol was Grand Champion of the Algona, Iowa show and 2nd Day Champ at Winnipeg last summer. **L .35, M .25, S 2—.25, Bulblets 10—.25, 100—\$2.00.**

**PEGGY (West '46) 366 (M).** A rather plainly garbed lavender lass, but a good cut flower in season. Up to 7 medium sized (about 4-inch) flowers open on nice tall spikes. Clear medium lavender with small darker feather. Fast increaser. **M .50, S .25, Bulblets 10—.50, 100—\$4.00.**

**PENELOPE (Deam '48) 466 (E).** An early blooming dark mauve-lavender that is one of our favorites. The color which is quite rich is brightened even more by a creamy white center. An occasional person disapproves of this combination, but most garden visitors like it. Floret arrangement and attachment fair to good. A very unusual variety. 6-8 open. **L \$1.50, M \$1.00, S .60, Bulblets 2—.25, 10—\$1.00.**

**PERDITA (Grout '48) 313 (ML).** Deep golden yellow, sometimes flushed darker giving an almost bronze yellow effect. The throat marking is quite prominent, of bright scarlet red. This combination reminds one somewhat of Manchu, altho the florets of Perdita are more ruffled and more closely and regularly spaced on the spike; up to 10 open. A fine show variety in its class. Medium stems, good flowerheads. Fine growing and propagating habits. **L \$2.00, M \$1.50, S \$1.25, Bulblets .25, 10—\$2.00, 100—\$16.00.**

**PERSIAN BEAUTY (Knieram '48) 586 (M).** A bronze-gray smoky with distinctively veined petals. The color is about midway between the rosy bronze of R. B. and the lavender gray of Mistaya, and a good many visitors to our garden picked it out as the most attractive of the three. A very unusual and pleasing smoky. Large and tall. **L .75, M .50, S .30, Bulblets 3—.20, 10—.60, 100—\$4.50.**

**PERSIAN RUG (Roberts '50) 486 (M).** See 1950 Introductions.

**PETER PAN (Butt '50).** See 1950 Co-Introductions.

**PHANTOM BEAUTY (Bastian '47) 440 (M).** Very light pink with an undertone of pale lavender pink. Florets not very large, about 4½ inches, but capable of opening 10 or more at a time. Some report short flowerheads; they are of quite good length here. Fine for exhibition or floral work. Good bulblet producer. Introduced at too high a price considering the large amount of stock propagated, it is being reduced in price too fast to make it profitable for those who invested in it early. We note that this year some growers are offering for less than our price, but we will add extra count on all orders for Phantom Beauty to offset any cut rates that may be made by others. **L .50, M .35, S .25, Bulblets 5—.25, 10—.40, 100—\$3.00.**

**PHARAOH (Higgins-Gladland Acres '50).** See 1950 Co-Introductions.

**POINCIANA (G. Snyder '48) 552 (EM).** A distinctive new color in glads, a rosy shade of red that is like no other. Florets are very large, heavily fluted with needlepoint form inherited from Glamis, one of its parents. Floret attachment slightly loose, but better than Malta in this respect. Tall grower, fine propagator. **L \$1.50, M \$1.00, S .50, Bulblets 2—.25, 10—\$1.20, 100—\$9.50.**

**PREVIEW (Marshall '48) 462 (ML).** A good new commercial prospect in this color—medium to dark rose usually flecked deeper. 7 to 9 large round plain petaled florets open on fine tall spikes, long stretchy flowerheads. Attachment firm, placement fair to good. Color could be a little smoother, but it is nice and bright and should find a niche in the list of good cut flowers.

**M .50, S .25, Bulblets 5—.25, 10—.40, 100—\$3.20.**

**PROSPERITY (Silva '47) 530 (M).** A nice ruffled light pink sport of Picardy. We still like it, altho for beauty and all around usefulness it may be eventually displaced by the newer Hearts Desire. Grows and propagates like Picardy, but a much lighter color and florets are nicely ruffled.

**L .50, M .35, S .25, Bulblets 6—.25, 10—.35, 100—\$2.50.**

**QUEEN CHARLOTTE (Dowling '46) 310 (ML).** While not remarkable for its color, this is definitely a very fine exhibition yellow. It can and has won for most open, longest flowerhead, division champion, etc. Florets not over 4 inches but anywhere from 12 to 15 open at once (the originator had a spike with 18 open at the Pacific Northwest show last summer—best in single spike section and most blooms and buds in good condition, 26 total).

**L \$2.00, M \$1.50, S \$1.00, Bulblets .25, 10—\$2.00, 100—\$16.00.**

**RAVEL (K & M '47) 477 (EM).** Violet blue with purple throat; an interesting color and quite a nice medium blue, about as good as any. This is one color class in which there is still plenty of room for progress. Most hybridists seem to have given up trying to improve the blues, altho some are still working at it and may some day give us a glad with a clear delphinium or sky blue color. Meantime this one and Blue Boy look about the best to us in the medium and lighter shades, altho we hope to see the newer Blue Bonnet in bloom next summer.

**M .30, S .20, Bulblets 5—.25, 10—.40, 100—\$3.20.**

**RED CHERRY (Roberts '46) 450-436 (VE).** Probably the top prospect for an early commercial in the scarlets and reds. Capable of exhibition wins too, but planted at the usual time in May, Red Cherry is always bloomed out long before the August shows. A bright glowing red with a slightly darker cherry-red throat. The color really shines in the sun. Florets are large (up to 5½-6 inches often reported), nicely frilled, and are well placed and attached to the stem. Usually 6 or 7 open for us, others report up to 10 open. A fast propagator, 100% germinator, and a fine grower from bulblets. Remarkable heat resistance.

**L .75, M .50, S .30, Bulblets 3—.20, 10—.60, 100—\$4.50.**

**REDOWA (Butt '48) 552 (E).** Another fine new early red, blooming just a little later than Red Cherry. Redowa has a slightly deeper but very bright color; a small darker feather does not detract. Fine tall well-arranged spikes, 7 or 8 very large florets of good substance open at once. A good bulblet producer, but they seem hard to germinate without special treatment. With these slow germinating varieties we sometimes hold part of the bulblets over a year, when they almost always sprout easily. In small quantities peeling the bulblets helps germination.

**L \$1.00, M .60, S .40, Bulblets 5—.25, 10—.40, 100—\$3.00.**

**RED WING (Wright '48) 436 (ML).** The scarlet class is now a strong one thanks to several fine newer glads of which this is one of the best. Has won grand champion spike and other major awards at leading shows, and should have good commercial possibilities. A large, tall scarlet red with 9-10 open on a long spike, perfect double row placement. Very beautiful. We highly recommend Red Wing and know you will like it. Its blooming time, midseason or slightly later, is just right to be at its best for most of the summer shows. Increase and germination very good.

**L \$2.50, M \$1.75, S \$1.00, Bulblets .30, 10—\$2.50, 100—\$20.00.**

**REGAL RED (Fischer '49) 536 (ML).** A husky grower but rather plain and coarse appearing compared to other new reds and scarlets in our opinion. The color is slightly subdued, sometimes with a hint of bronze underlying the scarlet. Burns in hot weather, much better planted late for September or October bloom. Made to order for the size fan—really huge. We understand that Regal Red will be featured on the cover of the February Flower Grower. Bulb sales should indicate what the 250,000 readers of this fine garden magazine think of it.

**L .50, S .25, Bulblets 10—.25, 100—\$2.00.**

**RELIANT (Krueger '48) 501 (L).** A very late white that is useful for fall cutting, coming on when most other whites are thru blooming. Produces giant plants and flowers, and the color is fairly attractive, altho the darker feather detracts somewhat. A very heavy propagator.

**L .50, M .35, S .25, Bulblets 10—.25, 100—\$2.00.**

**ROSY LIGHT (Jack '46) 460 (E).** An attractive light to medium rose pink, darker rose feather. The originator considers this one of his best introductions, and we agree, especially since it blooms early and in an uncrowded color class. Very nice for early cut flowers, blooms a little earlier than Tralee. Medium tall, opens 7 good sized flowers at a time. Much admired by all who see it; we think it deserves more popularity than it has received to date. A good all around variety that propagates and grows well.

**L .30, M .20, S 2—.25, Bulblets 10—.25, 100—\$2.00.**

**RUFFLED NIGHT (Rich '47) 454 (EM).** Fine black red with attractively ruffled flowers. Definitely heat resistant, outstanding in this respect. 7 or 8 medium sized florets open on good tall spikes. Seems to open one or two more than Velvet Mantle and possibly more reliable, altho the latter variety was very good for us too. Ruffled Night is always a target for admiration; one of the few heavily ruffled dark glads.

**L \$1.00, M .75, S .50, Bulblets 3—.25, 10—.70, 100—\$5.00.**

**SEASHELL (Roberts '48) 540 (ML).** An exquisitely beautiful pink of delicate color closely approximating that much desired "Coryphee" pink. The small throat spot is pure white. Tall and husky in growth, with average length flowerheads; a few reports of short heads occasionally. Florets are very large, up to 6½ inches reported, with broad petals, nicely frilled and of heavy substance. Informal placement. Many of our customers tell us that Seashell is the most beautiful of all the pinks. Good average bulblet producer.

**L \$1.00, M .75, S .50, Bulblets 2—.20, 10—.75, 100—\$6.00.**

**SEQUIN (Palmer '49) 410 (EM).** There are so many good yellows coming on these days that it is hard to know which are the best. This new one looked mighty good from a limited planting of quite small bulbs. A very clean light yellow, larger than most, with about 7 open on good spikes. Quite early, and a good commercial prospect. A good propagator and germinator, and produces nice bulbs.

**L \$1.50 each, Bulblets 2—.30, 12—\$1.50, with bulb purchase only.**

**SHERWOOD (Pruitt '48) 470 (M).** The most beautiful new purple we have seen. Exceptionally fine except that it doesn't stand extreme heat very well. Beautiful large ruffled florets of clear purple; about 7 open on tall, straight, slender spikes. Compared with King Lear, Sherwood holds more open with better attachment, has prettier floret form and is more heavily ruffled. A heavy propagator.

**M .60, S .40, Bulblets 5—.25, 10—.40, 100—\$3.00.**

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"I don't see how you can put in so many extras, but it is certainly nice to be on the receiving end of such generosity."

C. E. P., Urbana, Ill.

SIBONEY (Allen '48) 566 (M). A tall, large, very impressive lavender that can make wonderful spikes. Floret form is unusual, with petals heavily fluted, often looking as if someone had given the needlepointed edges a twist. A fine grower and fast propagator. An important show variety both as a seedling and since introduction, it was Grand Champ of the Connecticut show and Best R. I. at the Pennsylvania early show last summer.

L \$1.50, M \$1.00, S .60, Bulblets 2—.25, 10—\$1.00, 100—\$8.00.

SILVER STAR (E. B. Snyder '45) 401 (M). A rather rare combination of colors in glads—pure white with a large spot of deep lavender or light purple. No cream or yellow tints around the blotch to detract from the contrast of white and purple. The original name, Purple Heart, was very descriptive of the throat of this variety (name changed to avoid duplication). 6 or 7 lightly frilled large florets open on medium tall spikes. A very fast propagator of rather small bulblets. Won for longest flowerhead in the show at Beloit, Wis., 1949.

L .20, M .15, S 2—.20, Bulblets 25—.25, 100—.75.

SILVER WINGS (Ritsema '44) 500 (M). Very nice white Picardy sport. Altho Leading Lady is fine, we have always had a preference for the slight ruffling and extra whiteness of Silver Wings.

M 3—.20, S 4—.20, Bulblets 25—.25, 100—.75.

SKYLARK (Palmer '48) 523 (M). A very beautiful brilliant golden orange, large yellow throat. 6-7 large ruffled florets open on good spikes. One of the most showy varieties in existence and should become very popular. Larger than Sunbeam and more ruffled. Good grower and propagator.

L \$1.00, M .60, S .40, Bulblets 5—.25, 10—.40, 100—\$3.00.

SKYWAY (Stevens '48) 440 (VE). Growing this new light pink from bulblets only we were not able to check on its earliness, but it is reported to be one of the first varieties to bloom. It seems to be a fair germinator and good grower from bulblets. Recommended by many growers as the best early pink.

M \$2.00, S \$1.00, Bulblets .30, 10—\$2.40.

SOUTH SEAS (Wilson '47) 491 (ML). Dark slate or gunmetal gray with a bright orange red feather. Much admired by most smoky fans. A little darker than Flying Fortress by the same originator, this one doesn't hold as many open (about 7), and floret size is not as large, but placement is better and it is a taller grower with long flowerheads. A good propagator.

L \$2.00, M \$1.50, S \$1.00, Bulblets .20, 10—\$1.60, 100—\$12.00.

SPARKS (Glass '47) 507 (M). A very striking glad with its brilliant splash of scarlet in the center of the deep cream or light yellow flower. The spikes are slender and spire-like, reaching 5½ feet or more with ease. Florets are nicely frilled, informally placed (often one-over-one), 7 or 8 open at a time. A very distinctive glad that most people like very much. A good propagator and fine bulb maker.

L .35, M .25, S 2—.25, Bulblets 10—.20, 100—\$1.50.

SPIC & SPAN (Carlson '46) 432 (M). One of the greatest exhibition and commercial varieties today, altho still a relatively new one. Already challenging such varieties as Picardy and Leading Lady for total show championships and other awards, it seems likely to replace Picardy as the leading pink cut flower variety within a very few years. A beautiful ruffled medium to deep salmon pink; up to 10 or more 4½-5 inch florets open on fine spikes. A fine propagator, 100% germinator, and makes good bulbs. Seems to have inherited the best qualities of its parents (Picardy and New Era) without the faults of either. Among its many winnings at the 1949 shows were Grand Champion spike awards at Calgary, Sioux City, Chicago, Lima, N.Y., Le Roy and Kankakee, Ill., and Keystone State.

L .80, M .70, S .60, Bulblets 2—.20, 10—.75, 100—\$6.00.

SPOTLIGHT (Palmer '44) 413 (EM). Another fine variety that has found quick acceptance as a commercial cut flower glad. Bright medium yellow with small throat spot of brilliant scarlet red. Fine healthy grower with good plant and bulb habits.

L 2—.25, M 4—.25, S 6—.25, Bulblets 40—.25, 100—.50.

SPUN GOLD (Palmer '47) 312 (VE). Not large but a good yellow for first early. The color is rich and good, not quite as deep as Vangold but earlier blooming by several days here. Floret placement is not too good usually, but its color and early bloom season make it valuable. 5-6 open on spikes of medium height. A fast propagator.

L .35, M .25, S 2—.25, Bulblets 10—.20, 100—\$1.50.

STATUETTE (Butt '50). See 1950 Co-Introductions.

STORMY WEATHER (Barrett '47) 480 (EM). A very attractive smoky in lighter tones; a soft blending of autumn shades that is very pleasing. The outer portion of the nicely ruffled petals is a light lavender gray overlaid with tints of rose and salmon. This shades gradually to a creamy yellow central and midrib area, with throat stippled rose. Stems and flowerheads are tall and slender but always straight. Of the 20-bud total, 7 or 8 are open at a time. Our favorite smoky, and one we think you will like too.

L \$1.50, M \$1.00, S .75, Bulblets 4—.25, 10—.50, 100—\$4.00.

STRATHNAVER (Peattie '47) 500 (M). Huge alabaster white. Breathtaking in its expanse of broad petaled snowy florets when the spike is fully open. Purely an exhibition and home garden variety, as it is a very slow propagator and bulblets are hard to germinate. Attachment only fair, but better than might be expected considering the giant floret size. Spikes are tall with 22-25 bud flowerheads, 8-10 open at once. Stock scarce. Reserve Champion, Tri-State, 1949.

L \$1.00.

SUNBEAM (Kuhn '49) 320 (EM). A likely commercial prospect in the orange class. A Bit O' Heaven seedling that is a great improvement. Lovely color—clear glowing true orange with a nice yellow throat. Of medium size, it is large enough for most commercial usage, and we look for it to become quite popular. Opens six 4-inch florets on fairly tall, graceful, straight spikes. About the closest to a real orange color we have seen in glads. An extremely fast propagator.

M .75, S .50, Bulblets 4—.25, 10—.50, 100—\$4.00.

SUNDANCE (Almey '49) 412 (M). A real advance in the yellows, this is the best new variety we have seen in the deeper shades. Not as heavily ruffled as Aureole, but a deeper color and holds more open at a time—up to 10 in the field. Substance is very heavy; it can take the sun. A real yellow, and one that should become very popular. Florets are frilled and fluted, not too well expanded but measure 4½ inches or better. Apparently a good propagator, and bulb and plant habits seem good.

M \$1.50, S \$1.00, Bulblets .25, 10—\$2.00.

SUNLIGHT (Spiller '46) 416 (EM). A very pretty glad that has won favor with florists, home gardeners, and exhibitors. The color is a combination of apricot, salmon, and yellow tones giving an effect of light orange, very pleasing. Florets are round, somewhat frilled, with 6 or 7 open on tall stems, flowerheads a little short in proportion. Its color reminds us of Rialgar, but we prefer Sunlight. A fine spike at Yakima last summer was judged the best amateur spike in the show.

L .35, M .25, S .15, Bulblets 10—.25, 100—\$2.00.

SUN SPOT (Roberts '45) 417 (M). This beautiful light apricot buff with rose spot is now the leading winner in its class and always a contender for show champion. A needed florist color too, it is being heavily bought by commercial growers. Local florists who received Sun Spot in quantity last summer were most enthusiastic about it for bouquets and baskets. Combines beautifully with Orange Gold and others of similar shades. Continuing its winning record at 1949 shows, Sun Spot was named Grand Champion of the Canadian national exhibition, Reserve Champion at Hawkesbury District and Yakima All-Northwest shows, 2nd Day Champ at Iowa and Pennsylvania (early show), Best R.I., Prov. of Quebec, Edwardsville, Ill., and Yakima (open), best 3-spike at the Ohio R.I. and Seedling show, scoring 84 and being given an Award of Merit. Only Spic and Span and Connecticut Yankee among the newer varieties have as impressive a show record during the past three or four years. Price of Sun Spot is now down so you can plant it in larger quantities. Be sure to try it this year if you are not already growing it. A fine propagator.

L .75, M .50, S .30, Bulblets 3—.20, 10—.60, 100—\$4.50.

TARAWA (Palmer '46) 436 (EM). Rich scarlet red with small cream lines. A brilliant and very attractive color. Makes some short heads, but averages pretty good with us. Capable of making stunning exhibition spikes with 8 or 9 open in double row. Nicely ruffled. A glad you will love for its beauty of form and color.

M .15, S 2—.20, Bulblets 20—.25, 100—\$1.00.

TITAN (Palmer '39) 532 (M). A good old timer that is somewhat similar to Summer Gal, but a better performer for us. A fairly clear deep salmon, making fine large spikes. A good, easy grower. Not as beautiful perhaps as Spic & Span, altho larger. Quite a good propagator here.

L 2—.25, M 4—.25, S 6—.25, Bulblets 40—.25, 100—.50.

TIVOLI (K & M '47) 460-440 (M). Gorgeous light pure pink with white throat and lip petals. One of the best varieties to come from Europe since the war. Improperly classified as light rose, we think it belongs with the light pinks. Florets are lightly ruffled with many open at a time (we had some with 12 and 13 open), usually well arranged on good tall spikes. On the whole, American and Canadian hybridizers have been ahead of the field in producing good pink glads, but this is one that can challenge the best of ours. Tivoli was Grand Champion of the large Tri-State show last summer. A very good increaser.

L .30, M .20, S .15, Bulblets 10—.25, 100—\$2.00.

TOPFLITE (La Salle '46) 560 (M). A beautiful color but unfortunately not too strong in growth. Makes some marvelous spikes, but a percentage are short headed or weak stemmed. A very pretty medium rose pink with deeper rose feather. 6 to 8 large flowers are open on tall stems that are often inclined to fall over. The plants always look rusty and brown off early in the season, but it makes quite good bulbs. Rather slow propagator. A spike of Topflite was voted "most beautiful" in the Western Massachusetts show, 1949.

L \$1.50, M \$1.00, S .50, Bulblets 2—.25, 10—\$1.00, 100—\$8.00.

TRALEE (Krueger '47) 460 (E). Our nomination for top commercial rating in the rose shades, particularly since it is early, coming on before most others of this color are in bloom. A distinctive shade of lavender rose with slight markings, practically a self color. Grows to average height with good flowerheads. 7 to 9 medium sized lightly frilled florets open in double row placement. The plant could be a few inches taller, but cuts with quite a good handle. A reliable grower and good propagator. A consistent show winner in the 3-spike classes and in vases, baskets, etc. A fine long-lasting florist variety.

L \$1.00, M .75, S .50, Bulblets 2—.25, 10—\$1.00, 100—\$5.00.

TREASURE ISLAND (Lins '47) 540 (E). A fine tall large light pink with lightly ruffled florets. The towering spikes show up all over the garden, even tho surrounded by others of more brilliant coloring. A seedling of Rosa van Lima, Treasure Island is a little lighter in color, still retaining a hint of the rosy hue of its famous parent. Altho quite a light shade of pink, it is more colorful than such varieties as Greta Garbo and Beauty's Blush. A fairly good propagator and bulblet germinator here. 5-6 open. A fine all around glad, possibly Lins' best. Seems to do well everywhere.

L .75, M .50, S .25, Bulblets 2—.20, 10—.75, 100—\$6.00.

TROCADERO (Lins '46) 422-424 (EM). Distinctive reddish orange, sometimes called carrot color, altho our carrots are a lighter shade than this glad. Another good one from Gene Lins, this is a good spike maker, opening 6 or 7 large round florets in good placement. Unusual and attractive.

L .75, M .50, S .25, Bulblets 4—.25, 10—.50, 100—\$4.00.

TWINKLES (Butt '48) 232 (E). One of the most attractive miniatures we have seen. The edges of the petals are a sparkling deep pink salmon, the entire central area is clear yellow with narrow pink lines. The very small florets are beautifully and heavily ruffled, spaced somewhat irregularly on thin, wiry stems, 15-16 bud flowerheads. Miniatures such as this one are rapidly increasing the popularity of the little glads. Apparently not a fast propagator.

Bulbs, any size, \$2.00 each.

VENIDA (Milo '47) 460 (M). A fine shade of medium rose with cream white center. Color arrangement similar to that of Betty's Choice but a little deeper. Rather variable in spike length with us; however it makes many long exhibition type spikes with 8 or more open in perfect formation, and a good one is hard to beat. Good increase, fair germination.

L \$1.00, M .75, S .50, Bulblets 3—.25, 10—.70, 100—\$5.00.

VOODOO (Kadel '44) 486 (EM). An interesting bronze-rose smoky, unusual for its veined and stippled markings in contrast to the usual solid pigment formation. Not a brilliant color, one that some may consider too dull, but we like it for a novelty. The florets are large and of unusual form, being heavily waved, fluted, and often needlepointed in an interesting fashion. Tall, with very long flowerheads, 7 or 8 open at a time. A fast propagator and a fine reliable grower. Believe you will like it.

L .30, M .20, S 2—.20, Bulblets 15—.20, 100—\$1.25.

WAYFARER (Butt '49) 460-440 (M). A good looking clear pure pink with creamy white throat. This description seems like a good many others, but it is a very attractive glad with fine color. Opens 6 or more large round florets on spikes of average height.

L \$1.50, Bulblets 2—.30, 12—\$1.50, sold only with bulb purchase.

WEDGWOOD (Fischer '47) 366 (E). A very dainty clear blue lavender with large cream throat. Not a miniature but not as large as many in the 300 sizes, being close to the minimum measurement of 3½ inches for this class, as it grows here. The 5 or 6 open florets are beautifully ruffled, placed nicely on stems that are in keeping with the size of the flowers. A lovely little glad with a charm and personality all its own. A fine grower and propagator.

L .35, M .25, S .15, Bulblets 10—.25, 100—\$2.00.

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"HAVANA was the earliest bloomer; CRIMSON TIDE was magnificent."

M. & F., Wapakoneta, Ohio.

**W. H. HOSMER (Hatch '49) 466 (M).** A good looking new lavender that we liked last summer. About midway between Elizabeth the Queen and Tralee in color and floret form—nearer the former in its rosy lavender coloring. Unusually heavy ruffling and petal substance. Opens 9 to 11 in the field on spikes of medium height. The stippled throat markings remind one of Minuet, altho the flowers are much improved in every way. We hope it will stretch up just a little taller next year. A truly beautiful flower, and its parentage (Gen. MacArthur x Elizabeth the Queen) indicates that it might be useful in hybridizing.

**L \$4.00, M \$3.00, S \$2.00, Bulblets .50, 10—\$4.00.**

**WHITE CHALLENGE (Arnett '47) 501 (EM).** An immense blush white with diffused soft rosy spot in the throat. One of the giants of the glad world, and a top show winner with several grand championships to its credit. Quite reliable in making good uniform spikes with 8 or more huge bell-like flowers open at once. A very tall husky grower. Not a fast propagator, but fairly good bulblet production from the smaller sizes. Grand Champion, Illinois and Indiana, and 2nd Day Champ, S. E. Michigan, 1949.

**L \$1.50, M \$1.00, S .50, Bulblets .20, 10—\$1.50, 100—\$12.00.**

**WHITE CHRISTMAS (Fischer '48) 500 (EM).** A beautiful heavily ruffled white. A little closer to pure white than White Goddess, altho this too has a slight creamy cast. Placement is not always perfect, but a good spike is really something to see. Large bulbs often split; we get our best spikes from medium bulbs (we have some fine 3's to sell this year). A beautiful flower with intense ruffling and heavy substance. A fair propagator, but small stock gives good increase. Bulblets sprout and grow exceptionally well. Grand Champion spike at Cedar Rapids and Northern California, Reserve Champ Wisconsin Seedling and R.I. show, voted "most beautiful," Minnesota, all 1949.

**L .50, M .35, S .25, Bulblets 10—.25, 100—\$2.00.**

**WHITE GODDESS (Roberts '48) 500 (EM).** The tallest strongest growing heavily ruffled white. Regularly gets up to 62-66 inches in our plantings, occasionally to 6 feet. A beautiful creamy white with from 7 to 9 nicely ruffled 5½-inch florets open on long flowerheads. A very dependable grower, its main fault is an occasional misplaced or loosely attached lower floret. A fine bulblet producer, except that large bulbs often do not give so many bulblets. Near 100% germination and exceptionally strong, vigorous bulblet plant growth. White Goddess was 2nd Day Champion at the big Ohio state show last summer.

**L \$1.00, M .75, S .50, Bulblets 2—.20, 10—.75, 100—\$6.00.**

**WHITE MAGIC (Kuhn '47) 500 (E).** Another fine ruffled white, and one of the first good whites to bloom for us. Seems reliable and good in every way except that it is only a fair propagator. Takes a little time to work up a stock, but it is worth it. Medium height.

**L \$2.00, M \$1.50, S \$1.00, Bulblets .25, 10—\$2.00, 100—\$16.00.**

**WILMA DITTMAN (Maier '49) 516 (EM).** While we haven't seen much of this yet, it looks as if it would be a good one in the giant buff class. A promising show variety, with at least 7 large lightly frilled florets open on good plants. There are faint deep pink or scarlet markings in the throat.

**M or S, \$3.00 each, Bulblets .30, 10—\$2.50.**

**YANKEE LASS (Schenetsky '46) 440 (M).** A very nice tall light pink, small dark pink feather. A good show variety and a nice cut flower, altho propagation is not very fast. Can make an extremely beautiful double row exhibition spike, even from medium bulbs.

**L \$1.50, M \$1.00, S .50, Bulblets .20, 10—\$1.50, 100—\$12.00.**

**ZEPHYR (Butt '50).** See 1950 Co-Introductions.

**SEEDLING 763-1 (Roberts) 542 (E-EM).** One of last year's premium seedlings, this brought in many favorable reports. A tall strong growing deep pink with small cream throat. 8 or more nicely ruffled florets open on tall spikes. A good early cut flower sort. Many requests that this one be named. **L .50, M .30, S .20, Bulblets 20—.25, 100—\$1.00.**

**SEEDLING 7-12 (Roberts) 462 (E).** While we received a few fine reports on this one, it was not as well received on the whole as 763-1 above. Probably not too reliable a grower, but a good spike can be sensational. A sister seedling of Red Cherry. Color rosy scarlet. **L .25, M .15, S 2—.25, Bulblets 40—.25, 100—.50.**

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## Please Read Before Ordering

**Terms:** Retail orders are prepaid—minimum order \$3.00, please. Minimum Canadian or foreign order \$5.00. Cash with order, or on orders amounting to \$10.00 or more you may send 25% down, balance due before delivery. Please order as early as possible.

**Prices:** We think you will find our prices in line with those of other reliable growers who furnish stock of comparable high quality. If some items should be priced too low it is your gain—if too high we will add extra count to your order to make up the difference. And remember that poorly grown or diseased stock is not cheap at any price; we try to sell the quality of bulbs we like to receive ourselves.

**Bulbs:** All bulbs are priced per each, unless otherwise noted. The amount listed is the minimum sold—where bulbs are priced, for example, at 2—.20 or 3—.25, please do not order less than these amounts. 10 bulbs will be sold at 8 times the price of one—5 at 4 times price of one—or 3 at 2½ times price of one.

**Please Note:** Where bulbs are priced:

|                                      |                                       |
|--------------------------------------|---------------------------------------|
| 2—.20, ten bulbs are .80 (5 for 40)  | 2—.25, ten bulbs are 1.00 (5 for .50) |
| 3—.20, ten bulbs are .60 (5 for .30) | 3—.25, ten bulbs are .70 (5 for .35)  |
| 4—.20, ten bulbs are .40             | 4—.25, ten bulbs are .50              |
| 6—.20, ten bulbs are .30             | 6—.25, ten bulbs are .35              |

**Bulblets:** These are sold as priced, except that 50 bulblets will be sold at half the 100 price, or 25 for twice the 10 price.

**Delivery:** Bulb shipments usually begin in early March, or as soon as safe from freezing. West coast and Southern orders can be sent sooner if desired. We guarantee safe arrival of parcel post orders. Express shipments are delivered to the company in good condition—they are responsible for safe delivery. But be sure to notify us as well as your express agent if anything should be wrong with the shipment when received. Most retail orders are sent by parcel post; express costs us more as a rule.

**Guarantee:** We guarantee our stock to be clean, healthy, and true to name. If found otherwise please notify us at once. We found a few rogues in a couple of varieties bought in as bulblets and small bulbs, namely High Life and Mary Odell. If you received any of these from us that were not true to name, we will appreciate your letting us know so we may make proper replacement or refund. The same goes for any variety on our list of course. We try hard to guard against mix-ups but one may occasionally happen, and from the mixed stock we sometimes receive from other growers, we know they have their troubles too.

**Sizes:** Bulb sizes offered are L (Large), sizes 1 and 2 assorted; M (Medium), sizes 3 and 4 assorted; S (Small), sizes 5 and 6 assorted. Large

bulbs give maximum bloom, altho many of the best growers prefer the medium sizes. In many varieties these mediums will give just as fine flowers as the large. Small bulbs usually bloom, later in the season on shorter spikes as a rule. Bulblets cannot be counted on to bloom, altho a good many do. Certain strong growing varieties make exceptionally fine spikes from bulblets, but often they will either not bloom or make very short small spikes. Bulblets of some varieties are hard to germinate; all should be given extra moisture especially in the early stages of growth.

**Extras:** In addition to our premium bulbs described elsewhere in this catalog, we have built up a reputation for being rather generous with overcount or oversizing, and extras included for trial. We are always glad to have our customers send a list of several varieties they would like to try, from which we may select these extras. We will send, according to size of your order, as many as our stocks permit. We guarantee complete satisfaction with your order or your money back. Due to varying conditions of soil and culture we cannot, of course, guarantee bulb growth or bulblet germination. Nor in case of error on our part can we be responsible for any amount larger than that paid for stock purchased. All stock offered subject to crop and prior sale. Varieties and prices in this catalog supercede those of all previous catalogs or price lists issued by us.

### CLASSIFICATION

In our alphabetical listing of varieties, the number following the variety and originator's name and date refers to size and color classification. Taking for example the variety RED WING (Wright '48) 436 (M), the variety name is followed by the name of the originator and date of introduction. The number 436 denotes that Red Wing is of large size (4), and that its color is scarlet (36), as explained in the table below. The letter (M) informs us that it is a Midseason bloomer. (Abbreviations used are: VE for very early; E, early; EM, early-midseason; M, Midseason; ML, late-midseason; and L, late). Planted in May, large bulbs of early varieties usually bloom in about 60-75 days, early-midseason glads about 75-85 days, midseason varieties about 85-95 days, late-midseason kinds approximately 95-105 days; those blooming after this being late varieties. However soil and weather conditions have a great deal of effect on the blooming time of gladiolus.

**SIZE CLASSES:** Miniature (100 series), florets smaller than 2½ inches.  
 Small (200 series), florets 2½ to 3¼ inches.  
 Medium (300 series), florets 3⅜ to 4⅜ inches.  
 Large (400 series), florets 4½ to 5⅜ inches.  
 Giant (500 series), florets 5½ inches and larger.

#### COLOR CLASSES:

|                 |                                                                                                                            |
|-----------------|----------------------------------------------------------------------------------------------------------------------------|
| 00—White        | 52—Deep Red                                                                                                                |
| 06—Cream        | 54—Black Red                                                                                                               |
| 10—Light Yellow | 60—Light Rose                                                                                                              |
| 12—Deep Yellow  | 62—Deep Rose                                                                                                               |
| 16—Buff         | 66—Lavender                                                                                                                |
| 20—Light Orange | 70—Purple                                                                                                                  |
| 22—Deep Orange  | 76—Light Blue-Violet                                                                                                       |
| 24—Red-Orange   | 78—Dark Blue-Violet                                                                                                        |
| 30—Light Salmon | 80—Smoky shades (often subdivided as 82 orange-smoky, 83 salmon-smoky, 84 pink-smoky, 85 red-smoky, and 86 lavender-smoky) |
| 32—Deep Salmon  |                                                                                                                            |
| 36—Scarlet      |                                                                                                                            |
| 40—Light Pink   |                                                                                                                            |
| 42—Deep Pink    |                                                                                                                            |
| 50—Light Red    | 90—Any Other Color                                                                                                         |

An odd number as the last digit denotes a conspicuous throat marking. Thus Silver Wings (500) is a white without markings, while Silver Star (401) is a blotched white.

## Sun Spot in Canada

"Another season is past and your SUN SPOT has added more wins to its great show record. Its ability to open at once 8 or 10 beautiful well-placed florets and to hold them all in perfect condition for an unusually long period is outstanding.

At the Province of Quebec show held at Montreal, August 24th and 25th (1949), SUN SPOT won Championship Recent Introduction for us, grown from a medium bulb, as we had no large left this year.

At the Hawkesbury District show Aug. 20th, a spike of SUN SPOT exhibited by one of our customers, R. J. Stevens, won Best Spike in the novice section and Reserve Champion spike, also the special award for longest flowerhead in the show.

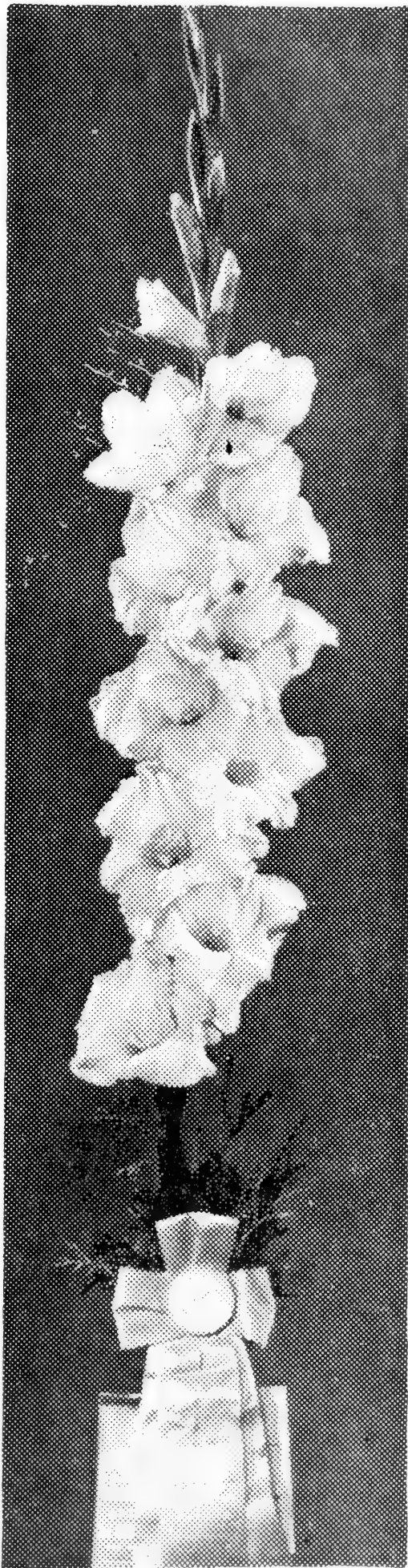
Another customer of ours, Mrs. J. T. McDonald, won first in color class in the amateur section, and the special for the spike with most open florets in good condition, on her entry of SUN SPOT.

The third spike of SUN SPOT exhibited there we showed, and it won its class in the Recent Introduction section. Such wins are a grand achievement for any variety, and you as the originator may well feel proud."

(Signed) SYDNEY MODE,  
Vankleek Hill,  
Ontario.

\* \* \*

(Note: Sydney has been a booster for SUN SPOT since 1947 when he showed the spike that won 2nd Day Championship at Montreal. The spike pictured on this page is Mr. Stevens' prize entry mentioned above—in making the engraving we had to cut out of the picture the top 5 buds. This year another Canadian man, Leonard Butt, won the Grand Championship of the Canadian National show with a beautiful spike of SUN SPOT.)



# Which Are the Best Glads?

No grower can choose a list to suit everyone, altho our own favorite 25 varieties are listed on another page. Perhaps grouping them into the following categories will help you choose the best glads for your own particular tastes and uses. We are quite sure that not everyone will agree with us on some groupings. A particularly easy way to get into an argument is to try to list the "most beautiful," but here goes:

**TALLEST:** Animation, Antietam, Astrid, Butterscotch, Chief Pontiac, Chinook, Complexion, Cotillion, Dieppe, Dusty Miller, Eunice Ewing, Evangeline, Florence Nightingale, Gold Medal, Ladrone, La Valle, Majorette, Manchu, Mid-America, Mighty Monarch, Mistaya, Mrs. R. G. Errey, Nellie Lou, Orange Gold, Persian Beauty, Poinciana, Preview, Regal Red, Seashell, South Seas, Sparks, Stormy Weather, Sun Spot, Treasure Island, and White Goddess.

**LARGEST FLORETS:** Annette, Boldface, Chinook, Daisy Mae, Dieppe, Evangeline, Flying Fortress, Hearts Desire, Kawatiri, Keith, Majorette, Mid-America, Mighty Monarch, Minstrel, Miss Chicago, Mistaya, Oriental Pearl, Persian Beauty, Prosperity, Redowa, Regal Red, Reliant, Seashell, Siboney, Silver Wings, Strathnaver, Titan, Treasure Island, and White Challenge.

**MOST OPEN BLOOMS:** Adoration, Athlone, Boise Belle, Cleo, Conn. Yankee, Cotillion, Dusty Miller, Firebrand, Flying Fortress, Folklore, La Valle, Marion Pearl, Mary Odell, Mighty Monarch, Patrol, Perdita, Phantom Beauty, Queen Charlotte, Red Wing, Spic & Span, Strathnaver, Sundance, Sun Spot, Tarawa, Tivoli, W. H. Hosmer, White Goddess, and Yankee Lass.

**MOST HEAVILY RUFFLED:** Aureole, Boise Belle, Boldface, Burma, Carnival, Cleo, Connie G, Crimson Tide, Elizabeth the Queen, Friendship, Gold Medal, Gorgeous Deb, Havana, Hearts Desire, Kathy Lee, La Valle, Majorette, Merry Maid, Nellie Lou, Perdita, Prosperity, Ruffled Night, Sun Spot, Tarawa, Seashell, Sherwood, Siboney, Spic & Span, Sundance, Twinkles, Wedgwood, W. H. Hosmer, White Christmas, White Goddess, and White Magic.

**MOST STRIKING AND UNUSUAL:** Abu Hassan, Benjamin Britten, Blue Boy, Boise Belle, Boldface, Burlington, Burma, Captain Kidd, Carnival, Cleo, Dulcie, Eunice Ewing, Fabulous, Flying Fortress, Havana, Hillcrest, Keefer, Keith, Lady Eve, Lipstick, Manchu, Mistaya, Okinawa, Orpheus, Pactolus, Penelope, Perdita, Persian Beauty, Persian Rug, Preview, Siboney, Silver Star, South Seas, Sparks, Stormy Weather, and Voodoo.

**MOST BEAUTIFUL:** Aureole, Betty's Choice, Birch Red, Boise Belle, Burlington, Burma, Captain Kidd, Connie G, Crimson Tide, Dieppe, Firebrand, Folklore, Friendship, Fuchsia Belle, Garden Gold, Gold Medal, Gorgeous Deb, Hearts Desire, Ladrone, La Valle, Miss Chicago, Miss Wisconsin, Persian Rug, Poinciana, Red Cherry, Red Wing, Seashell, Sherwood, Skylark, Spic & Span, Sun Spot, Wedgwood, White Christmas, and White Goddess.

## COMMENTS FROM OUR CUSTOMERS

"We have been impressed by the health of the bulbs we received from you. Only one plant (out of the several dozen) started to turn yellow, and we rogued it out. Compared with our luck on some orders from other growers that is phenomenal."  
E.F.D., Huron, S. Dak.

"A spike of BOISE BELLE with 22 buds, 8 open today in perfect formation, would easily have outranked any in the show for sweepstakes yesterday, if it had had that many open. SEASHELL, second floret 6½ inches—a dream for a vase or basket when I can get enough."  
R.P.L., Bellingham, Wash.

"RED CHERRY was really outstanding; had 20 buds, held 8 open and was a good 6 inches across, fine color—sure brought out the "oh's and ah's" from visitors. Seedling 763-1, a gorgeous ruffled beauty; 8 open, 30 inch flowerhead, florets 6½ inches."  
Mrs. F. E. M., Spokane, Wash.

"We want you to know how thrilled we are with seedling 763-1. It was 53 inches tall, had 9 out, 32 inch flowerhead, good placement, heavily ruffled."  
M.B.H., Knoxville, Iowa.

"Last year you sent me several extra glads; the most outstanding were WHITE GODDESS, MIGHTY MONARCH, and SUN SPOT."  
C.J.B., Waterville, Me.

"I have just had a BOISE BELLE bloom, and I really think you have something there. We have not had any frost yet to hurt the glads, otherwise I might not have got any bloom from it, but I did not plant it until the first of June—not having taken into consideration that it was a late variety."  
C.M.P.L., Wiscasset, Maine.

"BOISE BELLE looks mighty good, and with its double row opening of 12 florets it is plenty large; with its good attachment will make a nice handler as a commercial."  
L.B.W., Santa Rosa, Calif.

"WHITE GODDESS was the best of all the whites I had, and is really a producer. I would like to order some more of seedling 763-1. This was a beautiful flower here, reminded me of Burma except it was more red (or deep pink) in color."  
P.R.H., Fort Atkinson, Wis.

"SUN SPOT is the most dependable gladiolus I've ever grown. I had 25 large bulbs last year and every one was an excellent spike. I've been recommending it as the best gladiolus on the market today. I judged WHITE GODDESS at Binghamton and fell in love with it. Really fine—the best white I've seen, and I grew 584 of the finest varieties in the world."  
T.R.M., Columbus, Ohio.

"We grew WHITE GODDESS, WHITE CHALLENGE, and WHITE CHRISTMAS in the same row. WHITE CHALLENGE held the most open, but lacks the ruffling that lifts WHITE GODDESS and WHITE CHRISTMAS out of this world. WHITE GODDESS was the tallest and largest, well deserving of her name. There is room in my garden for all three."  
Mrs. J.A.S., Cut Bank, Montana.

"We have just been to the Southern California glad show, where we saw your RED CHERRY and SUN SPOT, and we were very impressed."  
G.C.O'B., Goleta, Calif.

"Your JUNE DAY was the earliest good pink in our early test garden; nice color and form. Expect we will want to grow an acre of it for cut flowers if it is sufficiently earlier than FRIENDSHIP and SKYWAY."  
D.N., Burlington, Ontario.

"HAVANA is simply gorgeous; one of the most colorful slides in my set, altho the copies really don't do it justice."  
Dr. P.G.C., Somerton, Arizona.

## VARIETIES BY COLOR CLASSES

### 00 White

Annette  
Eureka  
Flor. Nightingale  
Lady Eve  
Mary Odell  
Reliant  
Silver Star  
Silver Wings  
Strathnaver  
White Challenge  
White Christmas  
White Goddess  
White Magic

### 06 Cream

Connie G.  
La Valle  
Oriental Pearl  
Sparks

### 10 Lt. Yellow

Aureole  
Golden Arrow  
Kathy Lee  
Lancelot  
Queen Charlotte  
Sequin  
Statuette

### 12 Deep Yellow

Garden Gold  
Golden Beauty  
Golden State  
Manchu  
Perdita  
Spotlight  
Spun Gold  
Sundance

### 16 Buff

Athlone  
Color Marvel  
Gold Medal  
Grenadier  
Kawatiri  
Pactolus  
Patrol  
Sunlight  
Sun Spot  
Wilma Dittman

### 20 Lt. Orange

Cloth of Gold  
Daisy Mae  
Glow  
October Sunshine  
Sunbeam

### 22 Deep Orange

Orange Gold  
Orpheus  
Skylark

### 24 Red Orange

Chief Pontiac  
Trocadero

### 30 Lt. Salmon

Butterscotch  
Cleo  
Gorgeous Deb  
Pharoah  
Prosperity

### 32 Deep Salmon

A. L. Stephen  
Boldface  
Chinook  
Cordova  
Dieppe  
Glorious  
Hi Ho  
Ladronc  
Marion Pearl  
Peter Pan  
Spic & Span  
Titan  
Twinkles

### 36 Scarlet

Animation  
Atom  
Burlington  
Esquire  
Mountain Gem  
Red Wing  
Regal Red  
Tarawa

### 40 Light Pink

Adoration  
Andrena  
Complexion  
Conn. Yankee  
Deborah Sampson  
Hearts Desire  
June Day  
Lipstick  
Little Sweetheart  
Majorette  
Memoir  
Merry Maid  
My Dear

### 40 Light Pink

(Continued)  
Nellie Lou  
Pasteline  
Phantom Beauty  
Seashell  
Skyway  
Treasure Island  
Yankee Lass  
Zephyr

### 42 Deep Pink

Boise Belle  
Cologne  
Cotillion  
Fabulous  
Friendship

### 50 Light Red

Carnival  
Mid-America  
Red Cherry

### 52 Deep Red

Birch Red  
Captain Kidd  
Crimson Tide  
Firebrand  
Mighty Monarch  
Nancy  
Poinciana  
Redowa

### 54 Black Red

Antietam  
Black Cherry  
Mrs. R. G. Errey  
Nila  
Ruffled Night

### 60 Light Rose

Astrid  
Betty's Choice  
Diadem  
Evangeline  
Harmony  
Macushla  
Miss Chicago  
Miss Wisconsin  
Orchid Lady  
Rosy Light  
Tivoli  
Topflite  
Tralee  
Venida  
Wayfarer

### 62 Deep Rose

Burma  
Folklore  
Fuchsia Belle  
Hillcrest  
Mauvie Rose  
Preview

### 66 Lavender

Dulcie  
Elizabeth the Queen  
Lavender Beauty  
Minstrel  
Orchid Marvel  
Parthiana  
Patrician  
Peggy  
Penelope  
Siboney  
Wedgwood  
W. H. Hosmer

### 70 Purple

Benjamin Britten  
Eunice Ewing  
Sherwood

### 76 Light Blue

Blue Boy  
High Life  
Ravel

### 78 Dark Blue

Abu Hassan  
Blue Lagoon  
Keefer

### 80-86 Smoky

Charmoluck  
Dusty Miller  
Flying Fortress  
Keith  
Mistaya  
Okinawa  
Pastel  
Persian Beauty  
Persian Rug  
Stormy Weather  
Voodoo

### 90 A.O.C.

Havana  
South Seas

## GLADIOLUS SOCIETIES

You will raise better glads and enjoy them more if you have for reference some of the fine gladiolus publications of the various societies. In addition to any state or local organizations in your vicinity, several groups of National or International scope offer literature with value far exceeding the modest cost.

The New England Gladiolus Society, Horticultural Hall, Boston, 15, Mass., (annual dues \$3.00) puts out a beautifully bound Yearbook of more than 200 pages, plus 6 magazines during the year. The North American Gladiolus Council. (A. Bazdorf, Membership Secretary, Lincoln Park, N. J.) publishes 4 large Bulletins which are included in the \$1.50 yearly dues. The Canadian Gladiolus Society, 166 Willow Road, Guelph, Ontario, offers a big Yearbook, about 200 pages, featuring variety comments, symposium, etc., (Dues \$2.00). All of the above have lots of interesting and informative articles, pictures, and other features pertaining to every phase of gladiolus growing.



# WINSTON ROBERTS

*Gladiolus Specialist*

BOX 1851, BOISE, IDAHO

Name \_\_\_\_\_

Date \_\_\_\_\_

R. F. D. or Street \_\_\_\_\_

Post Office \_\_\_\_\_

State \_\_\_\_\_

***In case we are sold out of any item, shall we***

- Refund     
  Substitute Nearest Size     
  Substitute similar or better Variety

Varieties you would like to try:

(Mention several from which we may select) \_\_\_\_\_

| QUANTITY | SIZE | VARIETY      | PRICE |   |
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(Continue order on other side if necessary)





Mrs. Beulah Fortnam and the spike of SUN SPOT with which she and Clarence won champion spike award at the 1947 New York City show. They also won grand championships at Maryland and Binghamton International with Sun Spot.



Dr. Philip Corliss, noted flower photographer, holding three spikes of our seedling 1120-3 (see page 6) in our seedling and trial patch last August. Dr. Corliss traveled over 20,000 miles last summer taking thousands of color photos of gladiolus. Several of our own originations and promising seedlings are included in these Kodachrome sets available for rent from him. Address Dr. Philip Corliss, Somerton, Arizona, for details.